

Catalog Home

Welcome to Eastern Michigan University's Online Catalog

A new year and a new catalog! As you can see the look of the catalog has changed. The new face-lift has refreshed the left side navigation along with adding quicker and easier access to Eastern's main web pages. The catalog has also become an annual publication, allowing changes to programs and courses to occur more quickly. As the catalog is the contract with the student, our goal is to always stay accurate and up to date with changes you need to know about. The links below are just another way the catalog has improved to meet your needs with more information beneficial to you.

If this icon is at the top right-hand corner of a program it means the program has changed. Click the icon for the new program information

General University Information

Click on a link to be taken to the entry below.

- Academic Year
 - 2009-2010 University Calendar
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- Mission Statement
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2011-2012 University Calendar

Fall Semester 2011

Aug. 27, Sat.	Freshmen Residence Hall Move-In Day
Aug. 28-29, Sun., Mon.	Upperclass Residence Hall Move-In Days
Aug. 27-30, Sat., Sun., Mon., Tues.	Freshmen Orientation
Aug. 31, Wed.	Classes Begin
Sept. 5, Mon.	Labor Day no Classes- University Closed
Nov. 22, Tues. by 10 PM	Residence Halls Close
Nov. 23, Wed.	No Classes - University Open
Nov. 24-27, Thurs., Fri., Sat., Sun.	Thanksgiving Recess - University Closed
Nov. 28, Mon.	Classes Resume
Dec. 12, Mon.	Last Day of Classes
Dec. 13-19, Tues., Wed., Thurs., Fri., Sat., Sun., Mon.	Final Examinations
Dec. 18, Sun.	Commencement
Dec. 19, Mon. by 10 PM	Residence Halls Close
Dec. 19, Mon.	Close of Fall Semester
Dec. 23-Jan. 2	University Closed

Winter Semester 2012

Jan. 2-3, Mon., Tues.	University Closed
Jan. 8, Sun.	Move-In Day and Winter Orientation

Jan. 9, Mon.	Classes Begin
Jan. 16, Mon.	MLK Jr. Day - No Classes; Campus-Wide Celebration
Feb. 24, Fri. by 10 PM	Residence Halls Close
Feb. 27-March 4, Mon., Tues., Wed., Thurs., Fri., Sat., Sun.	Winter Recess - No Classes; Campus Open
March 5, Mon.	Classes Resume
April 6-8, Fri., Sat., Sun.	Spring Recess - University Closed
April 23, Mon.	Last Day of Classes
April 24-30, Tues., Wed., Thurs., Fri., Sat., Mon.	Final Examinations
April 29, Sun.	Commencement
April 30, Mon. by 10 PM	Residence Halls Close
April 30, Mon.	Close of Winter Semester

Spring Session 2012

May 6, Sun.	Move-In Day
May 7, Mon.	Classes Begin
May 28, Mon.	Memorial Day - University Closed
June 18, Mon.	Last Day of Classes - 6 Week
June 27, Wed.	Last Day of Classes - 7½ Week
	Final Exams will be held during the last scheduled class session
June 27, Wed. by 10 PM	Residence Halls Close
June 27, Wed.	Close of Spring Semester

Summer Session 2012

July, Sun.	Move-In Day
July 2, Mon.	Classes Begin
July 4, Wed.	Independence Day - University Closed
Aug. 10, Fri.	Last Day of Classes - 6 Week

Aug. 22, Wed.	Last Day of Classes - 7½ Week
	Final Exams will be held during the last scheduled class session
Aug. 22, Wed. by 10 PM	Residence Halls Close
Aug. 22, Wed.	Close of Summer Semester

2012-2013 University Calendar

Fall Semester 2012

Sept. 1, Sat.	Freshmen Residence Hall Move-In Day
Sept. 2-3, Sun., Mon.	Upperclass Residence Hall Move-In Days
Sept. 1-4, Sat., Sun., Mon., Tues.	Freshmen Orientation
Sept. 5, Wed.	Classes Begin
Nov. 20, Tues. by 10 PM	Residence Halls Close
Nov. 21, Wed.	No Classes - University Open
Nov. 22-25, Thurs., Fri., Sat., Sun.	Thanksgiving Recess - University Closed
Nov. 26, Mon.	Classes Resume
Dec. 12, Wed.	Last Day of Classes
Dec. 13-15, 17-19 Thurs., Fri., Sat., Mon., Tues., Wed.,	Final Examinations
Dec. 16, Sun.	Commencement
Dec. 19, Wed. by 10 PM	Residence Halls Close
Dec. 19, Wed.	Close of Fall Semester
TBA*	University Closed

Winter Semester 2013

Jan. 2, Wed.	University Opens
Jan. 6, Sun.	Move-In Day and Winter Orientation

Jan. 7, Mon.	Classes Begin
Jan. 21, Mon.	MLK Jr. Day - No Classes; Campus-Wide Celebration
March 1, Fri. by 10 PM	Residence Halls Close
March 4, Mon., Tues., Wed., Thurs., Fri., Sat., Sun.	Winter Recess - No Classes; Campus Open
March 11, Mon.	Classes Resume
March 29-31, Fri., Sat., Sun.	Spring Recess - University Closed
April 19, Fri.	Last Day of Classes
April 20, 22-26 Sat., Mon., Tues., Wed., Thurs., Fri.	Final Examinations
April 28, Sun.	Commencement
April 26, Fri. by 10 PM	Residence Halls Close
April 26, Fri.	Close of Winter Semester

Spring Session 2013

May 5, Sun.	Move-In Day
May 6, Mon.	Classes Begin
May 27, Mon.	Memorial Day - University Closed
June 17, Mon.	Last Day of Classes - 6 Week
June 26, Wed.	Last Day of Classes - 7½ Week
	Final Exams will be held during the last scheduled class session
June 26, Wed. by 10 PM	Residence Halls Close
June 26, Wed.	Close of Spring Semester

Summer Session 2013

July 30, Sun.	Move-In Day
July 1, Mon.	Classes Begin - 7 1/2 Weeks
July 4, Thurs.	Independence Day - University Closed
July 8, Mon.	Classes Begin - 6 Weeks

Aug. 16, Fri.	Last Day of Classes - 6 Week
Aug. 23, Fri.	Last Day of Classes - 7½ Week
	Final Exams will be held during the last scheduled class session
Aug. 23, Fri. by 10 PM	Residence Halls Close
Aug. 23, Fri.	Close of Summer Semester

Eastern Michigan University Mission

Eastern Michigan University is committed to excellence in teaching, the extension of knowledge through basic and applied research, and creative and artistic expression. Building on a proud tradition of national leadership in the preparation of teachers, we maximize educational opportunities and personal and professional growth for students from diverse backgrounds through an array of baccalaureate, master's and doctoral programs. We provide a student-focused learning environment that positively affects the lives of students and the community. We extend our commitment beyond the campus boundaries to the wider community through service initiatives and partnerships of mutual interest addressing local, regional, national and international opportunities and challenges.

Institutional Values

- Teaching and learning
- Excellence
- Human dignity and respect
- Diversity
- Scholarship and intellectual freedom
- Public engagement
- Leadership and participatory decision-making
- Integrity

Guiding Principles

- Accessibility
- Relevancy
- Responsiveness to change
- Flexibility
- Quality
- Collaboration
- Accountability
- Affordability

Eastern Michigan University Creed

We believe the **Integrity** of our work and the **Respect** we show for our fellow students, faculty, alumni and staff are an integral part of our ongoing **Education**. We believe that the **Relationships** we have and those we continue to develop will support us as we learn and grow together as a community.

University Profile and History

Eastern Michigan University is a comprehensive University whose roots date back to 1849, when the Michigan Legislature designated it as Michigan's first institution to educate teachers to serve the public schools. At that time the Detroit school system was only 10 years old and the transition from one-room school houses had just begun.

Graduate education was inaugurated in 1938, when the programs were conducted in cooperation with the University of Michigan. In 1953 Eastern gained approval to offer its own graduate programs.

During its first 100 years, Michigan State Normal School, as it was originally called, certified thousands of teachers and developed the broad-based academic curricula that prepared it for its evolution to University status in 1959. Within the University, three colleges emerged: the College of Education, the College of Arts and Sciences, and the Office of Graduate Studies and Research. The University has expanded three more times: in 1964 with the College of Business; in 1975 with the College of Health and Human Services; and in 1980 with the College of Technology.

New colleges created a need for additional acreage. The University campus spread from its original 275 acres on the south side of the Huron River to encompass an additional 182 acres west of the campus where student residences, athletic facilities and the Convocation Center are located. Among the newest buildings are the Porter College of Education building (1999); the Marshall College of Health and Human Services building (2000); and the University House (2004).

Today's student body reflects the national trend of mature adults returning to college to continue their education and prepare for new careers in a changing society. Women compose approximately 65 percent of the student body. Most students are from the state of Michigan, but 45 states and 93 countries are also represented. In fall 2006, 23,000 undergraduate and 4,650 graduate students were enrolled at Eastern Michigan University.

EMU's perspective has also grown, not only in on-campus program development, but also in online courses offered through the Office of Extended Programs and Educational Outreach.

Eastern Michigan University is known worldwide for its educational contributions. Its 105,000 living graduates are scattered among many countries as well as coast-to-coast in the United States, both strengthening and supporting the foundation that is the University in Ypsilanti.

Accreditations of Colleges and Departments

The University is fully accredited by the Higher Learning Commission, a subcommittee of the North Central Association of Colleges and Schools. In 2001 the University received an unqualified accreditation for a period of 10 years.

Eastern Michigan University also retains membership in these organizations: American Association of Colleges for Teacher Education; American Music Therapy Association; Association of Baccalaureate Social Work Program Directors; Council on Hotel, Restaurant and Institutional Education; Michigan Coalition of Schools/Departments offering the MSW; Michigan Historic Preservation Network; National Association of Deans and Directors of Schools of Social Work; National Council for Preservation Education; National Trust for Historic Preservation; and The Pioneer America Society.

Colleges and Departments

College of Arts and Sciences

- Department of African American Studies
- Department of Art
- Department of Biology
- Department of Chemistry (*accredited by the American Chemical Society*)
- Department of Communication, Media and Theatre Arts
- Department of Computer Science

- Department of Economics
- Department of English Language and Literature
- Department of Geography and Geology (*historic preservation accredited by the National Council for Preservation Education; urban and regional planning accredited by the Association of Collegiate Schools of Planning and by the Planning Accreditation Board; historic preservation affiliated with the Association for Preservation Technology, Michigan Historic Preservation Network, Pioneer America Society, Vernacular Architecture Forum and the National Trust for Historic Preservation*)
- Department of History and Philosophy
- Department of Mathematics
- Department of Music and Dance (*accredited by the National Association of Schools of Music and the American Music Therapy Association*)
- Department of Physics and Astronomy
- Department of Political Science (*public administration accredited by the National Association of Schools of Public Affairs and Administration*)
- Department of Psychology (*accredited by the Association for Behavior Analysis, American Psychological Association and Council of Applied Master's Programs in Psychology*)
- Department of Sociology, Anthropology and Criminology
- Department of Women's and Gender Studies
- Department of World Languages

College of Business

(Accredited by the Association to Advance Collegiate Schools of Business)

- Department of Accounting and Finance
- Department of Computer Information Systems
- Department of Management
- Department of Marketing

College of Education

(All professional educator preparation programs of EMU are accredited by the National Council for the Accreditation of Teacher Education and approved by the Michigan Department of Education.)

- Department of Leadership and Counseling (*community, college and school counseling programs accredited by the Council for Accreditation of Counseling and Related Educational Programs*)
- Department of Special Education (*speech-language pathology program accredited by the American Speech-Hearing Association; hearing impaired program accredited by the Council on Education for the Deaf*)
- Department of Teacher Education (*accredited by the National Council for the Accreditation of Teacher Education*)

College of Health and Human Services

- School of Health Promotion and Human Performance (*athletic training accredited by the Commission on Accreditation of Allied Health Education Programs and the Joint Review Committee on Education Planning and Athletic Training; health education accredited by the Michigan Department of Education/National Council for the Accreditation of Teacher Education; orthotics and prosthetics accredited by the National Commission on Orthotics and Prosthetics Education; physical education accredited by the National Association of Sport and Physical Education/National Council for the Accreditation of Teacher Education*)

- School of Health Sciences (*clinical laboratory sciences program accredited by the National Accreditation Agency for Clinical Laboratory Sciences; occupational therapy accredited by the Accreditation Council for Occupational Therapy Education; dietetics accredited by the Commission on Accreditation for Dietetics Education of the American Dietetic Association*)
- School of Nursing (*accredited by the Commission on Collegiate Nursing Education*)
- School of Social Work (*accredited by the Council on Social Work Education*)

College of Technology

- School of Engineering Technology (*construction management accredited by the American Council for Construction Education; computer-aided design, manufacturing technology and polymers and coatings technology accredited by the National Association of Industrial Technology; interior design accredited by the Foundation for Interior Design Education and Research*)
- School of Technology Studies (*aviation management, communication technology and industrial distribution accredited by the National Association of Industrial Technology; hospitality management program accredited by the Council on Hotel, Restaurant and Institutional Education; legal assistant [paralegal studies] program accredited by the American Bar Association; network and information technology administration, marketing education, technology education - folio approved by the National Council for Accreditation of Teacher Education/International Technology Educational Association/Council on Technology Teacher Education*)
- Military Science and Leadership

General Education

Click on a link to be taken to the entry below.

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- [QRChoice Category Information](#)
- [General Education Transfer Guidelines](#)

General Information

Director: Chris Foreman

E-mail: cforeman@emich.edu

Web site: <http://www.emich.edu/gened>

General education is the core of an undergraduate education. It is general in that it provides students with a comprehensive educational experience and prepares them for study within their major. General education teaches students to think critically and communicate effectively; it provides an introduction to the methodologies and practices of the academic disciplines; it promotes intellectual curiosity and a love of learning. General education is the heart of an EMU education and a source of institutional pride.

Curriculum Categories

Area I: Effective Communication

- Communication is frequently cited as employers' number one concern with college graduates. Education in speaking and writing is essential in helping students think clearly and in helping them organize and present their thoughts effectively. Individuals need to be able to communicate effectively for their own advancement and for their engagement with the world.

Area II: Quantitative Reasoning

- Quantitative reasoning skills are required in almost every major and professional program, as well as in personal and professional life. Students need quantitative literacy to function in society. Common examples include managing one's own finances (e.g., credit card debt), reading and understanding the newspaper, and informed voting.

Area III: Perspectives on a Diverse World

- **Global Awareness**
 - Because of the interconnectedness of nations, very few organizations function solely in the U.S. We all need to understand the world in which we live; to be informed citizens, we need to be able to think about and understand other cultures. By studying a number of nations or one nation in depth, students learn the skills for understanding other cultures.
- **U.S. Diversity**
 - College is often the first place where students are placed in an environment with people unlike them. We all need to learn respect for other persons, and such respect comes with knowledge. An understanding of and appreciation for diversity is central in employment, civic participation, and life more generally.

Area IV: Knowledge of the Disciplines

- Because each discipline offers a different perspective for understanding the world, understanding anything well requires some understanding of all of them. Students employ critical thinking skills to develop questions of inquiry that reflect an understanding of different disciplinary perspectives.

Area V: Learning Beyond the Classroom (LBC)

- A university education is about more than just classes. Students involved in activities outside of the classroom have higher retention rates and more positive educational experiences. Learning Beyond the Classroom encourages students to obtain hands-on experience and to learn about professionalism; it also provides a way to apply classroom knowledge.

Waiver, Placement and Substitutions

- Students may choose to complete ENGL 120 as an elective to prepare for the required ENGL 121 course. Students will decide this by completing the *Guided Self-Placement (GSP) Student Survey* located at: www.emich.edu/english/gsp/. Students with an ACT English sub-score of 29 or higher, or an SAT Verbal sub-score of 640 or higher, are *waived* from this requirement.
International students may use ESLN 412 to meet the ENGL 121 requirement Area I, #1.
- Students with a very strong background in oral communication (public speaking and critical listening) may contact the Communication and Theatre Arts department at 124 Quirk, 734.487.3131, for a possible *waiver* of the required CTAS 124 course. *Waivers are granted only on a case-by-case basis.*
- Students with an ACT Math sub-score of less than 19, or an SAT Math sub-score of less than 520, are encouraged to take MATH 097/098 in preparation for MATH 110. However, students may take the Math Placement Test to place into MATH 110. (*NOTE: MATH 097 and 098 do NOT count toward the minimum 124 hours required for graduation. Students who complete MATH 097 and/or 098 will be required to complete additional hours over the minimum of 124 hours to graduate.*)
- Students with
 - an ACT Math sub-score of 19-22, or an SAT Math sub-score of 520-570, are eligible to take MATH 110 based on that test score.
 - an ACT Math sub-score of 23-27, an SAT Math sub-score of 580-660, or a CLM score of 53-92 may take MATH 110 *or* another course designated as a quantitative reasoning (QR) course.
 - an ACT Math sub-score of 28 or higher, an SAT Math sub-score of 670 or higher, or a CLM score 93 or higher are *waived* from the Math 110 requirement.
- Upon a student's initial enrollment at EMU, the Academic Advising Center (734.487.2171) has the authority to exercise professional judgment when accepting transfer courses for the General Education Program. Credits earned through the Advanced Placement (AP), College-Level Examination Program (CLEP), International Baccalaureate (IB), and the military are treated as transfer credit and the scores/credits are evaluated by the following departments:
 - AP - College of Arts and Sciences, Dean's Office, 734.487.4344
 - CLEP - Academic Advising Center, 734.487.2171
 - IB - Office of Admissions, International Admissions, 734.487.0205
 - Military credit -Veterans Services, 734.487.3119
- After their initial enrollment at EMU, students who wish to receive General Education approval to take, at another institution, courses not accepted as direct (course-to-course) equivalencies to the General Education Program, must receive prior approval from the General Education Director (734.487.0439).
- Waivers and substitutions for courses taken at EMU and not approved for the General Education Program can only be granted by the General Education Director (734.487.0439) and cannot be approved for General Education credit by academic departments. NOTE: Exceptions to this are the courses in Area I and II whose guidelines appear above.

QRChoice Category Information

Students under the new General Education Program are placed into a Quantitative Reasoning (QR) category based upon their ACT or SAT math score. Students with an ACT math score greater than or equal to 23 or an SAT math score greater than or equal to 580 are in the "QRChoice" category; they can take any approved QR course (or may be waived from the requirement* if the score is 28+ for ACT or 670+ for SAT). All other students, including those without an ACT or SAT score, must take MATH 110 or MATH 110E (for Elementary Education certification) as the requirement for the General Education Program.

Students who are not eligible for QRChoice may test into this category by using the College Level Math section (CLM) of the mathematics placement test. Testing into QRChoice can only be done under the following conditions:

1. A student must obtain a form designated for this purpose from the Academic Advising Center, 301 Pierce. (This is not the same as the pink math placement authorization form.)
2. The score on the CLM must be 53 or higher. *No exceptions will be made to this cutoff.*
A score of 93 or higher will earn the student a QR waiver**.
3. The student cannot take the CLM test more than two times. This includes times that the test is taken for initial placement purposes.
4. A student must wait a minimum of 30 days between a first attempt and a second attempt.
5. The test must be taken within one calendar year from the beginning of the student's first term at EMU with an *application decision* of "regular admit." This applies also to a second attempt.
6. To take the QRChoice test, a student must have a minimum math score on the ACT of 19 or on the SAT of 520 or have passed the Elementary Algebra placement test with a minimum score of 83.

Students should consider getting the QRChoice Category Request to Test Form if this situation applies to them.

QRChoice Category Request to Test Forms will be returned to the Academic Advising Center through a secure route, and kept on file there. Students who successfully test into QRChoice will have a code entered onto their record by the Academic Advising Center to be used for graduation audit purposes. A study guide can be found at <http://math.emich.edu/placement.html>

*A QR waiver means that the QR requirement for the General Education Program is deemed to have been satisfied. A student may still have to take one of the designated QR courses if his/her program (major, minor or curriculum) requires it or if it is needed as a prerequisite to another course he/she wishes to take.

General Education Transfer Guidelines

Transfer students with MACRAO* will need to meet three requirements:

1. **QR requirement**
A course transferring in as MATH 105, MATH 112, or any course on the QR list, will meet this requirement if taken before the first semester at EMU with an *application decision* of "regular admit." If not, the student must satisfy the QR requirement by a course at EMU or a course-for-course transfer (see General Education Program, Area II).
2. **Perspectives on a Diverse World**
One course is required and may be in either Global Awareness or U.S. Diversity; it can be transferred if taken before the first semester at EMU with an *application decision* of "regular admit."
3. **Learning Beyond the Classroom**
Only one course or experience is required and must be completed at EMU.

Transfer students without MACRAO* but with 30 or more transferable hours will need to satisfy:

1. **All General Education requirements**
Requirements may be met by transferred courses if taken before the first semester at EMU with an *application decision* of "regular admit."
2. **QR requirement (exception)**
A course transferring in as MATH 105, MATH 112, or any course on the QR list will meet the requirement if taken before the first semester at EMU with an *application decision* of "regular admit." If not, the student must satisfy the QR requirement by a course at EMU or a course-for-course transfer (see General Education Program, Area II).
3. **Perspectives on a Diverse World (exception)**
One course is required and may be in either Global Awareness or U.S. Diversity; it can be transferred if taken before the first semester at EMU with an *application decision* of "regular admit."
4. **Learning Beyond the Classroom (exception)**
Only one course or experience is required and must be completed at EMU.

Transfer students without MACRAO* and with less than 30 transferable hours will need to satisfy:

1. **All General Education requirements**
Requirements may be met by transferred courses if taken before the first semester at EMU with an *application decision* of "regular admit."

2. **QR requirement (exception)**

A course transferring in as one of MATH 105, MATH 112, or any course on the QR list will meet the requirement if taken before the first semester at EMU with an *application decision* of “*regular admit*.” If not, the student must satisfy the QR requirement by a course at EMU or a course-for-course transfer (see General Education Program, Area II).

3. **Learning Beyond the Classroom (exception)**

Only one of the two LBC requirements may be an equivalent course that is transferred if taken before the first semester at EMU with an *application decision* of “*regular admit*.” The other LBC must be completed at EMU.

*MACRAO may be completed after initial enrollment at EMU

To receive credit for transfer courses completed after the first term of enrollment at EMU with an *application decision* of “*regular admit*,” the courses must be *direct equivalencies (course-to-course)* to EMU’s General Education Program in order to be applied to General Education requirements. Questions regarding course-to-course equivalencies should be directed to the Director of the General Education Program at 734.487.0439.

Co-Curricular Programs

Co-curricular programs are programs that "complement, but are not a part of the regular curriculum." Eastern Michigan University offers many of these opportunities for students.

- **Academic Service-Learning** A teaching and learning strategy that integrates meaningful community service with instruction and reflection as a means for helping students gain a deeper understanding of course objectives, acquire new knowledge and engage in civic activity.
- **Area V: Learning Beyond the Classroom (LBC)** A university education is about more than just classes. Students involved in activities outside of the classroom have higher retention rates and more positive educational experiences. Learning Beyond the Classroom encourages students to obtain hands-on experience and to learn about professionalism; it also provides a way to apply classroom knowledge. Learning Beyond the Classroom is a sub-section of the General Education curriculum.
- **The Nonprofit Leadership Alliance Program.** Designed for students from all majors and minor interested in being involved in the community, NLA provides students with a National Certification in Nonprofit Management and Leadership and the corresponding Certified Nonprofit Professional (CNP) credential. By meeting the ten core NLA competencies our students are well prepared for successful careers in the nonprofit sector. The link to the NLA program is www.emich.edu/nonprofit. Check out this video about the NLA program.

Academic Service-Learning

Office of Academic Service-Learning

Jessica "Decky" Alexander
Director, Office of Academic Service-Learning
219 Rackham
734-487-6570

Academic Service Learning Flyer

Summer 2012 A S-L Courses

CTAC 495L - Communication Capstone (Instructor: Jenny Kindred)

RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades (Instructor: Linda Williams)

SWRK 350L - Generalist Social Work Practice: Organizations and Communities (Instructor: Marti Bomyk)

SPCI 350L - Introduction to Cognitive Impairment (Instructor: Rhonda Kraai)

Fall 2012 A S-L Courses

ANTH 337 - Applied Anthropology (Instructor: Xianghong Feng)

BIOT 403 - Methods for Teaching Secondary Biology (Instructor: Chiron Graves)

CRTW 422W - Writer's Workshop (Instructor: Christine Hume)

CURR 308 - Integrated Elementary Social Studies Methods (Instructor: Ethan Lowenstein)

ESLN 319 - Community and Current Events II (Instructor: James Perren)

ESLN 039 - Community and Current Events II (Instructor: James Perren)

MGMT 460 - Management Skills (Instructor: Jean L. Bush-Bacelis)

MGMT 492 - Managing World Business Communication (Instructor: Jean L. Bush-Bacelis)

MGMT 495 - International Management (Instructor: Jean L. Bush-Bacelis)

SOCL 307 - Sociology of Work (Instructor: Tricia McTague)

WGST 202 - Introduction to Gender and Sexuality (Instructor: Vanessa Marr)

Academic Policies

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Academic Advising

Return To: Academic Policies

University Advising and Career Development Center

Address: 200 McKenny Hall

Phone: 734.487.0400

Website: www.emich.edu/uacdc

College Advising Centers

College of Business Advising Center

Address: 401 Owen Building

Phone: 734.487.2344

Website: [College of Business Advising](#)

College of Health and Human Services Advising Center

Address: 302 Marshall Building

Phone: 734.487.0918

Website: [College of Health and Human Services Advising](#)

College of Arts and Sciences

Advising done through home department office, for more information follow this link.

Return To: Academic Policies

College of Education Advising Center

Address: 206 Porter Building

Phone: 734.487.3415

Website: [College of Education Advising](#)

College of Technology Advising Center

Address: 150 Sill Hall

Phone: 734.487.8659

Website: [College of Technology Advising](#)

Degree Information

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Academics

Degrees

Basic undergraduate degrees conferred by the Board of Regents on recommendation of the president and faculty are the bachelor of science (B.S.) and the bachelor of arts (B.A.) degrees. Both degrees require completion of University general education requirements, a major and a minor, and a minimum total of 124 hours. The bachelor of arts degree includes in that total one year of college credit in a foreign language. The bachelor of science degree provides greatest flexibility in selection of the major and minor and in the use of electives.

Bachelor's degrees are also awarded in fine arts (B.F.A.) and art education (B.A.E.) - see Department of Art, College of Arts and Sciences; business administration (B.B.A.) - see College of Business; bachelor of business administration and bachelor of arts in language and world business (B.B.A./B.A.) - see College of Business or Department of World Languages, College of Arts and Sciences; business education (B.B.E.) - see School of Technology Studies, College of Technology; music education (B.M.E.), music-performance (B.M.U.), and music therapy (B.M.T.) - see Department of Music and Dance, College of Arts and Sciences; nursing (B.S.N.) - see School of Nursing, College of Health and Human Services.

Many students also select preprofessional fields of study such as medicine, dentistry and forestry (listed in departments) or seek certification and/or licensing in teaching, medical technology and similar fields (listed at the end of this section). These preprofessional fields of study do not culminate in an EMU degree.

Graduate degrees offered by this University are master of arts (M.A.), master of science (M.S.), master of fine arts (M.F.A.), master of business administration (M.B.A.), master of public administration (M.P.A.), master of business education (M.B.E.), master of individualized studies (M.I.S.), master of social work (M.S.W.), master of nursing (M.N.), master of occupational therapy (M.O.T.) and master of liberal studies (M.L.S.). In addition, there is a specialist in arts degree (S.A.) and doctorates in educational leadership (Ed.D.), psychology (Psy.D.) and technology (Th.D.). All are listed in the graduate catalog.

Bachelor's degree programs require students to take courses in various subject areas as specified both in the general education requirements and in departmental majors and minors.

Majors/Minors

Each student must complete a major subject of at least 30 credit hours and a minor subject of at least 20 credit hours with the following exceptions:

1. A student in the elementary teaching curriculum may present three minors of at least 20 credit hours - each of which is a subject field taught in the elementary grades.
2. A student who completes a self-contained curriculum of 50-60 hours will automatically satisfy major/minor requirements.

Hours of credit counted toward a minor may not be applied to a major or another minor or vice versa. General education courses may be applied toward a major or a minor where appropriate.

Professional education courses do not count toward majors and minors except in cases in which such courses are specifically required or indicated as permissible as part of a major or minor.

All students, including transfer students, must complete at Eastern Michigan University the following minimum requirements in advanced courses numbered 300 or above in their majors and minors, unless specifically exempted by the department concerned:

1. At least nine hours in majors.
2. At least six hours in minors.
3. At least 15 additional hours in curricula that encompass both major and minor requirements.

Degree Requirements

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 45 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area may be applied towards the minimum of 124 hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses; that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program adviser.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas; do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education Program website: <http://www.emich.edu/gened>

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Alternative Methods for Earning University Credit

Alternative Credit Options

Eastern Michigan University offers students the opportunity to earn academic credit by examination and/or by portfolio. In some instances, students may enroll immediately in advanced courses through alternative programs. Especially high test scores may warrant additional academic credit and/or higher placement.

These programs include:

1. **Advanced Placement (AP).** Students who have taken Advanced Placement high school courses, and earn at least a three on the corresponding Advanced Placement tests, will be granted at least two hours of credit in each subject area in which they have earned that score. The Advanced Placement Credit Available by Departments table lists departments and courses for which credit can be earned.
2. **International Baccalaureate (IB).** Students who submit their IB scores to Eastern Michigan University will receive at least two hours of academic credit for a score of four or higher on the higher-level IB exam. The International Baccalaureate Diploma does not equate automatically with sophomore standing, nor does it automatically waive general education requirements.
3. **College Level Examination Program (CLEP).** Students may receive academic credit for certain EMU courses by achieving a minimum score on a test available through the College Level Examination Program. The courses for which CLEP tests are available, and the minimum score needed to receive credit, are listed in the CLEP Credit Available by Departments table.

Academic credit earned by means of AP, IB or CLEP test scores may not be duplicated for separate tests. Also, AP, IB or CLEP credit will not be awarded when EMU credit has already been earned or transfer credit awarded for courses covering the same subject matter.

4. **Credit by Examination.** Students may also receive academic credit for certain courses where CLEP tests are not available by achieving a minimum score on a departmentally administered examination. Credit by Examination is subject to the following limitations:

- Students must have been admitted to Eastern Michigan University.
- Credit normally will not be awarded for any course for which a student has credit or in which the student is currently enrolled.
- Credit by Examination is not available for workshops, special topics courses, seminars and directed studies, or any other course excluded by an academic department.

5. **Validation.** Validation may be required to earn transfer credit for courses, taken at a two-year college, whose content is sufficiently similar to that of 300- and 400-level EMU courses. Validation will be considered only after all other transfer credit earned at accredited two-year colleges has been awarded and recorded on the student's official EMU record. Validation may be achieved in either of two ways:

- Satisfactory completion of the next more advanced course as designated by the head of the appropriate department or school.
- Passing a comprehensive examination or equivalent activity in the course for which EMU validation is requested.

The following procedures must be followed to earn Credit by Examination or to validate a course by examination:

1. The student must obtain an Application for Credit by Examination/Validation at the Office of Records and Registration, 303 Pierce Hall.
2. The student should submit the application to the head of the department/school in which the course is offered. The department head will evaluate the request and determine whether to grant or deny permission for Credit by Examination/Validation or to hold the request for further investigation.
3. Once permission has been granted, the student will make arrangements with the department for a time and place for the examination or equivalent activity, and a supervising faculty evaluator.
4. Prior to the agreed-upon time, the student will validate the permission form by paying the fee to the EMU Cashier's Office. The fee will be equivalent to one credit hour of tuition for each undergraduate examination attempted.
5. The student will present the validated permission form to the faculty evaluator prior to the examination or equivalent activity.
6. After the faculty member evaluates the student's performance and indicates P/F on the permission form, a copy of the written examination or explanation of the activity as well as the instructor's total evaluation will be placed on file in the office of the department head. The department head will sign the permission form indicating receipt of the faculty member's evaluation.
7. The department head will forward the permission form to the Office of Records and Registration for posting to the student's record.

6. Portfolio-assisted Prior Learning Assessment (PLA). Portfolio-assisted Prior Learning Assessment is available through participating academic departments when CLEP, Credit by Examination and Validation are not appropriate for assessing a student's previous learning. Credit may be awarded for general education or for courses in majors, minors or concentrations. Departments or schools may choose to participate on a case-by-case basis or may designate selected courses available via PLA. Additional information is available through the Office of Prior Learning Assessment at 734.487.9801 or 800.777.3521.

CLEP Credit Available by Departments

Department	Exam/Subject	Minimum Score	Credit Awarded
Accounting and Finance	Accounting, Principles of	60	ACC000 (3 hrs)
Biology	Biology	50	BIO 105 (4 hrs)
		60	BIO 110 (5 hrs)
Chemistry	Chemistry	50	CHEM 121 (3 hrs)
		63	CHEM 121 (3 hrs), CHEM 122 (1 hr) and CHEM 123 (3 hrs)

Computer Information Systems	Information Systems and Computer Applications	50	IS 215 (3 hrs)
Economics	Macroeconomics, Principles of	50	ECON 201 (3 hrs)
	Microeconomics, Principles of	50	ECON 202 (3 hrs)
English	Freshman College Composition*		No Credit
	English Literature*	65	LITR 100 (3 hrs)
	American Literature* with essay	65	LITR 100 (3 hrs)
	Analyzing & Interpreting Literature*	65	LITR 100 (3 hrs)
	English Composition with essay	65	ENGL 120 (3 hrs)
	English Composition (without essay)		No Credit
	Humanities		No Credit
History	History of the U.S. I: Early Colonization to 1877	50	HIST 123 (3 hrs)
	History of the U.S. II: 1865 to the Present	50	HIST 124 (3 hrs)
	Western Civilization I: Ancient Near East to 1648	50	HIST 101 (3 hrs)
	Western Civilization II: 1648 to the Present	50	HIST 102 (3 hrs)
Management	Management, Principles of	70	MGMT000 (3 hrs)

Marketing	Business Law, Introductory	70	LAW 293 (3 hrs)
	Marketing, Principles of	70	MKGT000 (3 hrs)
Mathematics	College Algebra	50	MATH 105 (3 hrs)
	Precalculus	50	MATH 112 (3 hrs)
Political Science	American Government	50	PLSC 112 (3 hrs)
Psychology	Psychology, Introductory	50	PSY 101 (3 hrs)
Sociology	Sociology, Introductory	50	SOCL 105 (3 hrs)
World Languages	French Language	50	FRNH 121 (3 hrs)
		62	FRNH 121/122 (6 hrs)
	German Language	50	GERN 121 (3 hrs)
		63	GERN 121/122 (6 hrs)
	Spanish Language	50	SPNH 121 (3 hrs)
		63	SPNH 121/122 (6 hrs)

** essay required*

Advanced Placement Credit Available by Departments

Department	Exam/Subject	Minimum Score	Credit Awarded
Art	History of Art	3	ARTH 100 (3 hrs)

		4	ARTH 162 (3 hrs)
	Studio Art: 2-D or 3-D Design, or drawing portfolio	3	ARTS 179 (3 hrs) or ARTS 379 (3 hrs)
<p><i>Note: An additional three credit hours may be awarded to art majors and minors through departmental evaluation of art portfolio.</i></p>			
Biology	Environmental Science	3	BIO 107 (3 hrs)
	Biology	3	BIO 110 (4 hrs)
		4	BIO 110/120 (8 hrs)
Chemistry	Chemistry	3	CHEM 121 (3 hrs) and CHEM 122 (1 hr)
		4	CHEM 121 (3 hrs), CHEM 122 (1 hr) and CHEM 123 (3 hrs)
		5	CHEM 121 (3 hrs), CHEM 122 (1 hr) CHEM 123 (3 hrs) and CHEM 124 (1 hr)
Computer Science	Computer Science A	3	COSC 111 (3 hrs)
	Computer Science AB	4	COSC 111 (3 hrs) and COSC 211 (3 hrs)
Economics	Macroeconomics	3	ECON 201 (3 hrs)
	Microeconomics	3	ECON 202 (3 hrs)

English	English Language	3	ENGL 121 (3 hrs)
		4	ENGL 121 (3 hrs) and ENGL 225 (3 hrs)
	English Literature	3	LITR 100 (3 hrs)
		4	LITR 100 (3 hrs) and LITR 101 (3 hrs)
Geography	Human Geography	3	GEOG 179 (3 hrs)
History	United States History	3	HIST 123 (3 hrs)
		4	HIST 123 (3 hrs) and HIST 124 (3 hrs)
	European History	3	HIST 101 (3 hrs)
		4	HIST 101 (3 hrs) and HIST 102 (3 hrs)
	World History	3	HIST 109 or HIST 110 (3 hrs)
		4	HIST 109 (3 hrs) and HIST 110 (3 hrs)
Mathematics	Calculus AB	3	MATH 120 (4 hrs)
	Calculus BC	3	MATH 120 (4 hrs) and MATH 121 (4 hrs)
	Statistics	3	MATH 170 (3hrs) or SOCL 250 (3hrs)
Music and Dance	Music Theory	3	MUSC 100 (3 hrs)

Physics	Physics B	3	PHY 221 (4 hrs)
		4	PHY 221 (4 hrs) and PHY 222 (4 hrs)
	Physics C	3	PHY 223 (5 hrs) and PHY 224 (5 hrs)
Political Science	Government and Politics, U.S.	3	PLSC 112 (3 hrs)
	Government and Politics, Comparative	3	PLSC 211 (3 hrs)
Psychology	Psychology	3	PSY 101 (3 hrs)
Sociology	Statistics	3	SOCL 250 (3 hrs)
World Languages	French Language or French Literature	3	FRNH 121 (5 hrs)
		4	FRNH 122 (5 hrs)
	German Language	3	GERN 121 (5 hrs)
		4	GERN 122 (5 hrs)
	AP Japanese Language and Culture Exam	3	JPNE 121 (5 hrs)
		4	JPNE 122 (5 hrs)
	Latin: Vergil or Literature	3	LATN 101 (5 hrs)
		4	LATN 102 (5 hrs)
	Spanish Language	3	SPNH 121 (5 hrs)
		4	SPNH 122 (5 hrs)

Prior Learning Assessment

Academic standards for portfolio-assisted Prior Learning Assessment:

- Credit is given only for learning and not for experience.
- College credit is awarded only for college-level learning.
- Credit is awarded only for learning that has a balance, appropriate to the subject, between theory and practical application.
- The determination of competence levels and credit awards is made by academic experts in the appropriate subject matter.
- Credit is appropriate to the academic context in which it is accepted.

Procedures for portfolio-assisted Prior Learning Assessment:

1. The student contacts the PLA Office for information about the PLA process.
2. The student must be admitted to Eastern Michigan University.
3. The student must complete a free workshop and review syllabi to determine whether to attempt earning credit through the PLA process.
4. The student compiles portfolios to present for assessment within one year of completion of the workshop. Each portfolio to be presented to a faculty assessor contains all portfolio elements including appropriate documentation. The master portfolio contains each portfolio element including all learning statements and all documentation lists but no copies of documentation.
5. The student must present the master portfolio and departmental portfolios to the Office of Prior Learning Assessment for review. Upon successful review, the PLA office issues appropriate portfolio registration forms.
6. The student pays the required assessment fee to Eastern Michigan University as part of portfolio registration.
7. The Office of Prior Learning Assessment distributes portfolios to heads of departments or schools for assignment to faculty assessors.
8. Faculty assessors evaluate the portfolios; faculty assessors may request additional demonstrations of competence.
9. Faculty assessors return portfolios and assessments to the Office of Prior Learning Assessment.
10. The Office of Prior Learning Assessment notifies the student of credit award or denial and also notifies the Office of Records and Registration of awarded credit for posting to the student's record.

Return To: Academic Policies

The Undergraduate Experience - Graduation

Click on a link to be taken to the entry below.

- Graduation
 - Baccalaureates
 - Graduation Requirements
 - Graduation Audit
 - Commencement
 - Academic Assessment
- Educational Opportunities
 - Academic Service Learning
 - American Humanics
 - CSIE Program
 - First Year Experience Programs
- Institute for the Study of Children, Families and Communities
 - Celebration of Student Writing
 - Diversity in the Curriculum
 - ElderQuest
 - Writing Across the Curriculum
- University Library
- Division of Information Technology

Graduation

Baccalaureates

Most students in the college pursue one of the two basic undergraduate degrees, bachelor of science (B.S.) or bachelor of arts (B.A.). Both degrees require completion of University general education requirements, a major and a minor and a minimum total of 124 hours. The bachelor of arts degree includes in that total one year of college credit in a foreign language. The bachelor of science degree provides greatest flexibility in selection of the major and minor and in the use of electives.

Additionally, specialized degrees are offered through each college. Detailed information regarding these specialized degrees can be found within individual departments.

Graduation Requirements

To graduate from Eastern Michigan University, a student must earn a bachelor of science degree, a bachelor of arts degree or one of the bachelor's degrees pertinent to the field of study. To accomplish this, students must fulfill general education requirements; a major of 30-36 hours and a minor of 20-24 hours or a self-contained program of 50-60 hours; and electives to equal the minimum total of 124 college-level credits.

The catalog requirements in effect at the time of a student's initial registration at a college or University or the requirements of a subsequent catalog, including those in effect at the time of the student's graduation, may be used to complete graduation requirements. In the event the student does not complete degree requirements within seven years of the date of his/her original registration, the student may be required to have his/her credits re-evaluated by the Office of Records and Registration in keeping with more recent catalog requirements. (See special time requirements in the description of the nursing program.)

Graduation Audit

Students who have completed 95 credit hours or more should request a graduation audit by completing the required form at the Office of Records and Registration, 303 Pierce Hall, or completing the form usually printed in the class schedule book each semester.

The form requires students to record their expected date of graduation, legal name, student number and major(s) and minor(s) elected. In addition, a check list is provided for degree expected and teacher certification expected. Accurate information is essential.

Forms are filed in the Office of Records and Registration and processed according to expected graduation date. A graduation auditor checks the credit hours taken and records the credit hours still needed. One copy of this audit is mailed to the student and another copy is filed. Students should receive their audits a semester before they apply for graduation. A graduation audit does not take the place of regular, thorough advising.

Students may return the forms by mail or in person to Room 303 Pierce Hall. Time is required by the office staff for processing, and immediate responses to requests for information cannot be made at the time of the request.

Commencement

Commencement at Eastern Michigan University represents the culmination of a student's academic achievement. It is a time of celebration and reflection for students, families, faculty and staff. It brings together a diverse community to share in the joy of the accomplished goals of students.

The commencement ceremony at Eastern Michigan University serves a dual purpose: to mark a point of accomplishment, thus completing a chapter in the lives of students and those who support them, and to encourage continued pursuit of education and personal fulfillment.

Commencement eligibility includes students who have submitted an application for graduation by the posted deadline (beginning of the semester) for the indicated semester. Commencement ceremonies are held in April and December only. June and August graduates will participate in the December ceremony following their graduation date.

Academic distinction is awarded at graduation to students whose cumulative grade point average merits special recognition. A 3.9-4.0 grade point average is accorded summa cum laude; a 3.7-3.89, magna cum laude; and 3.5-3.69, cum laude on the diploma and permanent transcript record.

Academic Assessment

The Higher Learning Commission of the North Central Association of Colleges and Schools (NCA), EMU's regional accrediting body, has mandated that every college and University in the region have a plan for assessing both general education and each existing academic major for all students enrolling in the fall 1995 semester and later. EMU endorses this mandate and believes that the University will benefit by identifying the key skills and concepts that academic programs are developing and how well these skills and concepts are being developed in our students.

Because it is important to assess a representative sample of students, Eastern Michigan University considers involvement in this assessment mandatory for students asked to participate.

In some cases all students will be asked to participate. In other cases where it is impractical to assess all students, a representative sample will be selected. In either case, the above stated requirement will apply.

General education will be assessed through use of the Educational Testing Service's "Tasks in Critical Thinking." Between 200-250 students will take this test each year and students who participate in academic assessment activities will be helping Eastern Michigan University continually refine and improve its excellent academic programs and further enhance the reputation of all degrees awarded.

Educational Opportunities

Academic Service-Learning

Academic Service-Learning is a teaching methodology which engages students in community service as a means of helping them gain a deeper understanding of course objectives, acquire new knowledge and engage in civic activity.

The Office of Academic Service-Learning provides a resource center that features journals, books, other publications related to academic service-learning. Research opportunities are also available for faculty and students. AS-L Faculty Fellow Seminars are offered each fall and winter. Over 150 EMU faculty have participated in a semester-long weekly seminar examining academic service-learning theory, implementation and assessment. For a full list of EMU faculty trained in the ASL Faculty Fellow Seminar, please visit: www.asl.emich.edu

To get involved in Academic Service-Learning, students should contact our office:

- **Office of Academic Service-Learning**
Campus Address: 219 Rackham Hall
Phone: 734.487.6570
Web site: www.asl.emich.edu

Jessica 'Decky' Alexander, director
E-mail: jalexande1@emich.edu

Courses taught at EMU that include a Community Service, Citizenship and Leadership component and can be taken for Gen Ed LBC credit are:

CSIE 177L Groundwater Studies
SPCI 350L Introduction to Cognitive Impairment
SPEI 401L Programming, Methods and Curriculum for Elementary Students with Emotion Impairments
SWRK 350L Generalist Social Work Practice: Organizations and Communications
WGST 230L Conversations with Girls

Sample courses taught at EMU that have included an academic service-learning component in the past are:

ACC546 Public and Nonprofit Nonsector Accounting
ATM255 Apparel Analysis
ATN210 Display Techniques
ATN437 Professional Seminar
BEDU395 Administering Workplace Systems and Technology
BEDU396 Information and Media Administration
BIOL403 Methods for Teaching Secondary Biology
CTAC224 Public Speaking
CTAC225 Listening Behavior
CTAC226 Nonverbal Communication
CTAC227 Interpersonal Communication
CTAC357 Interviewing as Communication
CTAC359 Small Group Communication
CTAC374 Intercultural Communication
CTAC379 Queer Communication
CTAC475 Research in Speech Communication
EDMT330 Institutional Application of Media and Technology
ENGL323 Writing for the Professional World
ENGL408 Writing for Writing Teachers
ENGL409 Teaching English in the Secondary Schools
FIN354 Investments
GEOG/GEOL: Many, all graduate level documenting Historic Structures and Preservation
HIST123 The United States to 1877
HIST124 The United States, 1877 to the Present

HIST317 History and Geography of Spanish America
HIST481 Teaching Methods
HLED380 Psychosocial Concepts of Health Education
HRM430 Seminar in Hospitality Management
IDE420 Studio
JRNL314 Public Relations Writing
LITR260 African American Literature
MATH381 The Teaching of Mathematics K-6
MFG111 Engineering Materials
MGMT202 Business Communications
MGMT386 Organizational Behavior and Theory
MGMT460 Management Skills
MGMT492 Managing World Business Communication
PHIL221 Business Ethics
PHIL223 Medical Ethics
PHIL226/WGST226 Feminist Theory
PHY101 Physical Science in the Arts
SOCL352 Sociology of Education
SOFD328 Schools in a Multicultural Society
SPEI240 Introductory Clinical Experiences in Emotional Impairment
SPEI301 Emotionally Impaired Children and Adolescents
SPEI449 Current Topics in Emotional Impairment
SPGN251 Education of Exceptional Children
SMPI350 Introduction to Mental Retardation
SWRK403 Practice Issues with Women
SWRK420 Working With Aging People
TEDU350 Curriculum in Technology and Vocational Education

The office of Academic Service Learning also has several grant-based Outreach Programs including:

- **Ypsilanti Youth Empowered to Act (YYEA)**- YYEA seeks to change the way the youth voice is heard by taking action and promoting engagement and decision making in the community.
- **CrossTown Theatre Troupe**- CrossTown Theatre Troupe is a program designed to help stimulate the youth voice through the use of theatre.
- **The B. Side: The Business Side of Youth**- The B. Side develops business and professional skills and encourages creative and intelligent risk taking and instills financial independence and community responsibility in youth ages 13-20.

American Humanics

Address: 215 Rackham

Phone: 734.487.1612

Fax: 734.487.8514

E-mail: humanics@emich.edu

Web site: www.americanhumanics.emich.edu

The American Humanics: The Nonprofit Scholars Program at EMU is a place for developing theoretical knowledge and practical skills. The program is part of the American Humanics Inc., a national alliance of colleges, universities and nonprofit organizations dedicated to educating, preparing and certifying professionals to strengthen and lead nonprofit organizations. To date, American Humanics Inc. is affiliated with more than 18 nonprofit agencies and numerous collaborating professional organizations and foundations, including American Red Cross, Girl Scouts, YMCA and Boys and Girls Clubs of America.

Undergraduate students earn an American Humanics certificate additionally to the bachelor degree. Students earn the certificate by:

1. Achieving 14 competencies;
2. Completing 300 hours of field-based experiences at a local nonprofit;
3. Participating in the American Humanics Student Association;
4. Attending one American Humanics Management Institute. The American Humanics certificate is provided by American Humanics, Inc. and it is recognized nationwide. The certificate gives students an edge on the job market.

The American Humanics competencies serve as a comprehensive, yet flexible framework to guide students toward certification, while providing nonprofit agencies with a pool of graduates highly qualified for employment. Examples of competencies include: marketing, management, program planning, board/committee development, human resource management and fundraising. There are two ways to achieve the competencies: by completing a portfolio or by enrolling in the interdisciplinary minor in nonprofit administration. The interdisciplinary minor in nonprofit administration is the structured way, while the portfolio is the more independent way to achieve the competencies. The interdisciplinary minor in nonprofit administration is administered by the Department of Political Science.

American Humanics certification provides significant benefits to student. It rewards students who are already volunteering with and working in the community organizations with national recognition, and introduces students who have limited or no community service experiences to the challenging life of nonprofit organizations. Most importantly, the American Humanics certification provides students with a job market advantage and networking opportunities. The nonprofit sector is the fastest growing sector of the economy, for example, in Michigan, every 11th job is in the nonprofit sector. American Humanics graduates are highly sought on the job market to fill in positions such as program directors, fundraisers, human resource directors, volunteer coordinators and other positions. American Humanics graduate have an outstanding record of job placement - nearly 100 percent for those students who complete the requirements.

CSIE Program

Address: 218 Rackham Hall

Phone: 734.487.0281

E-mail: csie.info@emich.edu

Web site: www.emich.edu/csie

Facebook Group: [CSIE@EMU](https://www.facebook.com/CSIE@EMU)

The Creative Scientific Inquiry Experience (CSIE) Program is funded through a grant from the National Science Foundation. The purpose is to increase the number of graduates with science, technology, engineering and mathematics (STEM) and related majors. The program offers unique integrated clusters of STEM courses called CSIEs, anchored by a one- or two-credit CSIE seminar.

Each CSIE features the following benefits:

- Deeper exploration of class content related to a common interdisciplinary theme through academic service-learning* (AS-L) experiences which often include community-based research projects;
- Intensive mentoring and advising by CSIE faculty and program staff to help students plan their academic careers and engage in early research experiences;
- Opportunity to learn with professionals from local industries, government organizations and non-profit agencies, through shadowing experiences, guest speaker interviews, facility tours, field work and the AS-L experiences;
- Free book loan program and of subsidized lab manuals and course supplies;
- Opportunity to satisfy general education requirements[†] for learning beyond the classroom (LBC) through 15 hours of service and/or presenting research at the Undergraduate Symposium[‡] or professional meetings or conferences.

CSIE clusters are published each term in the course schedule books and online at the program website and Facebook group. Students can enroll directly through normal registration procedures - no special permissions, restrictions or overrides. Only department-defined skill and course prerequisites apply; no additional academic requirements are mandated for the program. Students do not need a declared STEM major to participate.

Learn more about the program, read examples of previous CSIE clusters, and view upcoming offerings by going to www.emich.edu/csie.

**See The Office of Academic Service Learning for a definition and examples of AS-L experiences.*

† See General Education to learn about the LBC requirements.

‡ See Undergraduate Symposium to learn about undergraduate research and experiences.

First Year Experience Programs

EMU offers practical, yet innovative, programs for its first-year students to enhance learning experiences in the classroom, increase academic performance, improve student connections to the campus and community and aid in student retention and persistence towards an undergraduate degree.

First-Year Interest Groups (FIGs)

FIGs are learning communities in which freshmen explore common interests, develop critical thinking skills and build lasting friendships. FIG students take up to three college-level courses with the same peer group. All courses satisfy general education, program or elective credit towards graduation. FIG instructors are experienced in teaching, mentoring and developing the strengths of first year students.

Promoting Academic Success and Survival (PASS)

The PASS program is designed to challenge and support freshmen who fall just below regular admission criteria and addresses issues students face as they transition to college. The program is based on the assumption that students are willing to work hard to succeed and that effective academic programs and teaching methods can bring them to the standards expected of college students. Among the benefits of the PASS program are learning community scheduling, free academic workshops, development of study skills as well as academic monitoring, individualized instruction and advising assistance.

Institute for the Study of Children, Families and Communities

David L. Clifford Ph.D., director

Address: 203 Boone Hall

Phone: 734.487.0372

Fax: 734.487.0284

E-mail: david.clifford@emich.edu

Web site: www.iscfc.emich.edu

The Institute for the Study of Children, Families and Communities is an interdisciplinary applied research unit. It organizes teams of faculty, staff and community partners to carry out research, demonstration projects, technical assistance, consultation, training, assessment and policy analysis and advocacy. The institute executes its mission through its three centers.

The Center for Applied Research (CAR) provides a full range of research services including needs assessments, asset mapping, survey research, program monitoring and evaluation, data collection and analysis, and policy impact analysis. The CAR includes a state-of-the-art computer assisted telephone interviewing facility, the CATI Lab. Director: Peggy Wienczek, M.S., e-mail: peggy.wienczek@emich.edu

The Center for Child and Family Programs (CCFP) focuses on vulnerable children, families and marginalized youth. The CCFP conducts applied research and program evaluation, develops training curricula, provides technical assistance and develops policy recommendations at the local, state and national levels. Director: Valerie Polakow, Ph.D., e-mail: valerie.polakow@emich.edu

The Center for Community Building and Civic Engagement (CCBCE), operationally extends EMU's mission into the greater community. Through projects such as the HUD Community Outreach Partnership Center and the U.S. Department of Justice capacity building grant, it promotes community capacity building, youth violence reduction and a range of community-University collaborations. Director: Elvia R. Krajewski-Jaime, Ph.D., e-mail: ekrajewski@emich.edu

Celebration of Student Writing

At the end of every fall and winter semester, the approximately 1200 students enrolled in English 121 classes display their written work at the semi-annual Celebration of Student Writing. For the celebration, sponsored by the Department of English Language and Literature, students create products representing the research they do in their 121 classes. Students who display

their work are joined at the Celebration by EMU faculty and administrators, students from other EMU courses and visitors ranging from prospective EMU students to students in writing courses from other colleges. Attendees wander the room and talk with student authors about their Celebration projects and their research work for the semester.

Diversity in the Curriculum

The Diversity in the Curriculum program promotes the development of a curriculum of inclusion within the colleges, departments and programs of the Division of Academic Affairs at Eastern Michigan University. Our objective is to translate the growing scholarship on diversity and multiculturalism into educational practices that reflect the most constructive aspects of cultural pluralism. Eastern Michigan University is nationally recognized for a high level of diversity in its student population. The purpose of diversity in the curriculum is to ensure that our faculty and staff become characterized by an equally high level of multicultural expertise, as reflected in our curricular offerings and co-curricular services.

ElderQuest

Address: 217 Rackham Hall

Phone: 734.487.0227

E-mail: ElderQuest@emich.edu

Web site: www.emich.edu/elderquest

The ElderQuest program provides a welcoming environment for persons 50 years and older and offers the opportunity to fully participate in campus programs and activities. ElderQuest provides leadership in the identification of various pathways into the University community including building University awareness and support for programming and services targeted for the elder population. ElderQuest office staff assists the elder participant in designing an exciting and challenging plan that fits his or her needs. There are many ways that an ElderQuest participant may be involved in University life including: serving as a guest lecture, working part-time on campus, assisting with special campus events, and mentoring students.

Writing Across the Curriculum

Students at EMU experience a coordinated approach to writing instruction that begins in their first year with ENGL 120/ENGL 121, that is supported through workshops and tutoring offered by the University Writing Center and Academic Project Center, and that is continued in their majors with the Writing-Intensive courses that are now a graduation requirement for all students. The Writing Across the Curriculum program provides the outcomes for and assesses the WI courses. It supports faculty members who teach the Writing-Intensive courses as well as faculty who use writing in both their General Education and other major courses. These faculty elect to participate in summer institutes that focus on the teaching of writing in the disciplines. Students benefit directly from these faculty members' dedication to the development of their critical thinking and communication skills.

University Library

Bruce T. Halle Library

Rachel J. Cheng, University librarian

Address: 955 West Circle Drive

Phone: 734.487.0020 ext. 2200

Fax: 734.484.1151

Web site: www.emich.edu/halle

The Bruce T. Halle Library supports the academic mission of the University through its state-of-the-art services, collections, technologies, facilities and equipment.

The Library is a vital component of the University's educational mission. It houses more than one million items including books, journal subscriptions, microforms, audio visual materials and U.S. Government Documents. The library has a rapidly growing collection of state-of-the-art electronic indexes and full-text ejournals and ebooks. The library contains special collections of faculty publications, children's literature, maps, African-American history and also houses the University Archives. These extensive collections are focused to provide strong support for the instructional programs of the University. More information about the library's collections, hours, and services is available at www.emich.edu/halle.

In addition to its collections, Halle Library provides the campus with venues where people can gather to share ideas and learn including meeting/classrooms, computer labs, a 90-seat auditorium, group study rooms, a TV studio, and the Paradox Café. The Library provides hundreds of public access computers. A unique feature of the Library is the Automated Retrieval Collection (ARC). The ARC's massive robot cranes locate and move the hundreds of bins that hold more than a half-million books, videos and other items from the Library's collection. Materials from the ARC can be in your hands within ten minutes.

Materials, including reserved reading materials assigned for use in course work, are checked-in and out on the main floor at the Circulation Desk. The Information Desk is located in the center of the first floor atrium and is the place where all library users may get assistance in using the collections and locating sources. For off-campus class students, the library offers reference assistance and instruction, access to research tools and access to materials. For more information, visit www.emich.edu/halle/offcampusclasses.

Collections on the main floor include the references, legal reference collections and maps. The second floor contains the journals, newspapers, government documents and children's literature collections and provides space for collaborative study. The third floor contains the circulating book collection and is the Quiet Study Floor.

Librarians offer a comprehensive range of orientation, reference and instructional services and are available to consult with users concerning their information needs, and to assist in developing search strategies and accessing resources. Subject-specialist librarians assist teaching faculty by working with them to design tours and instructional sessions for their classes. Appointments can be scheduled with individual librarians through the Information Services Office (734.487.0020, ext. 2100).

The Academic Projects Center (Halle Room 104), is a new venture offering one-to-one writing, research, and technology assistance for all EMU students. The APC is a collaboration between the University Library, Academic Technology and Computing Services, the University Writing Center, and the Writing Across the Curriculum and First Year Writing Programs. The APC offers point-of-need help with research, writing, and technology to students working on research papers and other academic projects. University Writing Center consultants, Halle Librarians, and technologists work together in the center to provide project-oriented support.

Division of Information Technology

To learn more about all the technology services provided for students, faculty and staff, please visit the Division of Information Technology web site at <http://it.emich.edu/>

Computers on Campus

Lab locations:

Morell D. Boone Computing Commons

Address: G07 Bruce T. Halle Library

Phone: 734.487.2121

Multimedia Commons

Address: Bruce T. Halle Library, first floor

Phone: 734.487.2687

Computer Lab

Address: 2nd Floor Student Center Union

Phone: 734.487.1365

Owen Computing Lab

Address: 101 Owen Building

Phone: 734.487.2241

Pray-Harrold Computing Lab

Address: 327 Pray-Harrold

Phone: 734.487.3271

Some of the colleges and departments have specialty labs available for different uses. Your professor will tell you about using these specialty labs. If you would like to know more visit the web site of your specific college or department.

Division of Information Technology Computer Help Desk

Address: 106 Halle Library

Phone: 734.487.2120

Web site: <http://it.emich.edu/>

The Division of Information Technology Computer Help Desk can assist with problems accessing EMU's Internet-based resources such as my.emich or the residence hall network (ResNet). Check the Division of Information Technology Help Desk web site for more information on protecting your computer from viruses and other malicious programs.

my.emich Portal Account

my.emich is Eastern Michigan University's personal portal. It is a common form of communication with EMU. This secure site provides students, faculty and staff with world-class intranet and Internet services including a 20 MB e-mail account and calendar. It is where you can check e-mail, access EMU's Web, register for classes and check your grades. For complete information on setting up your account, visit the my.emich web site at: <http://my.emich.edu> and click on "How Do I Get my user name and password."

EMU Computer Store

Address: EMU Student Center, Room 101a

Phone: 734.487.2400

Web site: www.emich.edu/computerstore

Eastern Michigan University's Computer Store is the location for students, faculty and staff to purchase computers, software, and related products at an educational discount. The Division of Information Technology Computer Store web site provides information on hardware, software, special promotions and details about the computer refresh program.

ResNet

ResNet is Eastern Michigan University's residence hall network service. ResNet uses dedicated Ethernet wiring to connect students to the University network and the Internet, and works much like DSL or cable modem. Service is provided free of charge to students living in University Housing residence halls.

Advantages of ResNet: ResNet is convenient; it requires no modem or phone line to connect; it is fast; and ResNet is a 10Mbit/sec Ethernet network.

To sign up for ResNet, after you arrive on campus, plug in and go through the simple registration process. For more detailed information about ResNet, visit the Division of Information Technology web site at <http://it.emich.edu/>.

Wireless Networking

Wireless networking is available to students, faculty and staff in select locations on campus. Wireless networking allows anyone with a wireless compatible laptop computer, and a my.emich user name and password, to connect to the campus network without being "plugged in." For more details about the EMU Wireless network and responses to frequently asked questions, visit the Division of Information Technology web site at <http://it.emich.edu/wireless/>.

Registration & Grading

Return To: Academic Policies

Click on a link to be taken to the entry below.

- Registration and Grading
 - Academic Year
 - Academic Course Load
 - Auditing Courses
 - Credit Hours/Class Levels/Course Numbers
 - Prerequisites
 - Corequisites
 - Concurrent Prerequisites
 - Final Examinations
- Grades
 - Pass/Fail
 - Credit/Noncredit Grading
 - Incomplete
 - Grade Changes
 - Repeats
 - Grade Reports
 - Grade Point Average (GPA)
 - Academic Probation and Dismissal
- Drops/Withdrawals from Individual Classes
- Withdrawals from the University

Registration and Grading

Academic Year

The academic year is divided into fall, winter, and summer semesters of 15 weeks each. The new student may be admitted to the University for any semester or session. The University calendar linked on the left-side navigation of the catalog.

Evening courses and Extended Programs and Educational Outreach courses permit scheduling options within each semester or session. Two-week workshops and weekend seminars provide additional course credit opportunities.

Academic Course Load

Academic course load is the number of hours that a student carries in a semester or session. The recommended full-time course load is 12-16 hours (15 with student teaching). Students must register for a minimum of 12 credit hours to qualify as full time for University purposes, including financial aid.

Occasionally an increased academic load is found to be necessary or desirable. Before registering for more than the recommended hours, the student is asked to consult an adviser. The following two restrictions are placed on increased academic load:

1. First semester freshmen may not take more than the recommended full-time academic load without special permission from the University Advising and Career Development Center (UACDC), 200 McKenny.
2. Students on academic probation may not take more than the recommended full-time academic load without special permission from the University Advising and Career Development Center (UACDC), 200 McKenny.

Qualified continuing students taking over 19 credit hours should consult carefully with an academic adviser. The registration system will prevent registration for more than 19 credit hours. Request assistance at the Records and Registration service counter to add classes in excess of 19 credits. No person is allowed to attend class unless officially registered on a credit or audit basis

with appropriate fees paid or, as full-time staff or faculty auditing under the staff benefits program. No credit will be given for work in courses not officially enrolled in by the mid-point of the term or session.

Auditing Courses

Courses may be audited subject to the approval of the head of the department offering the course. Audit applications may be obtained at, and returned to, the Office of Records and Registration, 303 Pierce Hall. No credit hours or grade points are awarded for a class audit. However, registration and payment of all fees is required for the class. Tuition and fees for auditing are the same as for the course in which credit is elected. Check the University calendar for deadlines to declare or remove audits.

Under provisions of the University staff benefits program, full-time staff, faculty and faculty spouses may audit classes by completing an approval process initiated at the Benefit Programs Office, McKenny. These students do not register for class and there is no transcript of their attendance.

Credit Hours/Class Levels/Course Numbers

Credits are determined by the units of work completed. One credit hour is the credit granted in a course that meets 50 minutes per week for 15 weeks. Credits earned on the term or quarter-hours basis at other institutions are converted to EMU credit hours by multiplying by two-thirds.

Class levels are determined by the academic hours completed as follows:

Class	Semester Hours
Freshman	0-24
Sophomore	25-55
Junior	56-84
Senior	85 or over

Administrative class levels that are not affected by academic hours completed:

Guest	GS
Non degree	ND
Second bachelor's	SB
Post-degree teaching certificate	TC

Course numbers indicate the academic level of the course as follows:

Course Number	Level of Difficulty*
100-199	Introductory

200-299

Intermediate

300-499

Advanced

Note:

**Introductory courses are appropriate for students who have had no course work at the University level in the discipline in question. Intermediate courses presuppose that the students enrolled are familiar with and able to work with the content or methods, or both, of the discipline as presented in the introductory course. Advanced courses presume that students enrolled are familiar with and able to work with content, concepts and methodology of the discipline at a level appropriate to that of undergraduate majors in the discipline.*

Courses numbered 500-599 are intended primarily for graduate students but are open in some cases to seniors. To be eligible, an undergraduate student must have successfully completed 85 hours or more of undergraduate credit, have a cumulative grade point average of 2.5 or better, and receive approval from the instructor and the Graduate School. Request forms are available at the Office of Records and Registration, 303 Pierce Hall. The maximum number of graduate hours that an advanced undergraduate can take is 15. Courses numbered in the 600s and 700s are exclusively for graduate students. Should an undergraduate student register in a 600 or higher class, they will be dropped without prior notice.

Prerequisites

Prerequisites designated in the catalog description of courses state requirements that must be completed with credit or are necessary to the understanding of the course selected. Any student not meeting prerequisites or other restrictions, unless waived by instructor's permission, may be prevented from registering for or required to drop the course. Courses at the 200-, 300- and 400-levels that carry no prerequisites are taught at the academic levels described above.

Corequisites

Corequisites designated in the catalog description of courses state requirements that must be completed at the same time of the course selected. Any student not meeting Corequisites or other restrictions, unless waived by instructor's permission, may be prevented from registering for or required to drop the course.

Concurrent Prerequisites

Concurrent Prerequisites designated in the catalog description of courses state requirements that must be completed before or at the same time as the course selected. Any student not meeting concurrent prerequisites or other restrictions, unless waived by instructor's permission, may be prevented from registering for or required to drop the course.

Final Examinations

Final examinations are given by instructors to help evaluate a student's achievement in a course. Whether or not that evaluation shall include the final examination shall be determined by the instructor in line with departmental and University policy. If a final examination is not given, the scheduled examination period shall be used for other class activity.

If a final examination is given, students shall take the examination with their own class and at the hour indicated on the examination schedule. Failure to take the examination at the scheduled time will result in a grade of E in the course, except when the requisite conditions for granting an I are present.

If a student finds that he/she has three examinations scheduled on one day, he/she may request the instructor of the class having the first examination of the day to arrange to offer the examination at another time. If he/she finds that he/she has four examinations scheduled for one day, he/she may request the instructors of the first two examinations to make arrangements so that no more than two are scheduled in one day. He/she may appeal to the head of the department in which the course is offered if a satisfactory solution is not reached.

Students who for religious reasons find that they are not able to follow the examination schedule should make special arrangements with their instructors. If arrangements are not satisfactory, a student may appeal to the head of the department in which the course is offered.

Any deviation from the student's examination schedule, other than to limit the exams to two in one day or to observe religious mandates, must be approved in advance by both the instructor and the department head, and will be granted only in cases of extreme emergency.

Failure to take an examination at the scheduled time without prior arrangement will result in a grade of E in the course.

Grades

The grades used by the University, with their corresponding values in points, are as follows:

Grade	Significance	Grade points per credit hour
A	Exceptionally high order	4.0
A-		3.7
B+		3.3
B	Distinctly above the average	3.0
B-		2.7
C+		2.3
C	Average	2.0
C-		1.7
D+		1.3
D	Below Average	1.0
D-		0.7
F	Unsatisfactory (denoting failure)	0.0
I	Incomplete	0.0
CR	Passing grade in credit/noncredit courses	0.0
NC	Failing grade in credit/noncredit courses	0.0
S	Passing grade in pass/fail elections	0.0
SC	Credit for certification in student teaching courses	0.0
PN	Passing grade in student teaching but not at level sufficient for certification	0.0
U	Failing grade in pass/fail	0.0
UN	Failing grade in student teaching elections	0.0
IP	In Progress	0.0

W	Withdrawal	0.0
2YR	E Forgiven - out of school two years	0.0
AUD	Audit	0.0
N	No grade submitted	0.0

Credits earned by student teaching, credit/noncredit classes or pass/fail options are not accorded grade points.

An E grade will be assigned for any course when the student stops attending a class without officially withdrawing from the course. Credit for courses in which either E or U grades have been received can be earned only by repeating the course at Eastern Michigan University. See repeat policy for exceptions.

A W grade is assigned only when an official withdrawal has been completed. (See Withdrawals below.)

Pass/Fail

The pass/fail option is available to students who wish to experiment in an unfamiliar field without jeopardizing their grade point averages or for other reasons. Limitations to the option are:

1. It may be exercised only by juniors and seniors who are in good academic standing (at least 2.0 at EMU).
2. It may be applied only to free electives, that is, to courses which are outside the student's major, minor, curriculum, general education requirements or a prerequisite to a required course.
3. A maximum of six such courses may be applied toward graduation.
4. Students shall indicate their intention to take a course by filing out an application with the University Advising and Career Development Center (UACDC), 200 McKenny, prior to the end of the program adjustment period. Approval or denial is available in two working days.
5. Students who elect to take a course on pass/fail may cancel the option and accept a letter grade up to the last day of class before the official University scheduled final examinations (the option for pass/fail may then be used for another course).
6. The instructor will not be notified of the student's election of this option. The regular letter grade reported by the instructor will be converted on grade reports and transcripts as follows:
 - a. Grades of A, B, C or D, including D-, will be converted to S, and shall count as credit toward graduation.
 - b. The grade of E will be converted to U, and shall not count toward graduation.
7. A course taken under this option shall not be used in any way in the computation of the student's grade point average.

Thus, a pass/fail election shall not be approved for a course in which the student previously received a letter grade.

Students should be aware that for some scholarships offered by the University pass/fail courses are not considered part of the minimum required load for scholarship. Students also should be fully aware of the possible implications of this option for acceptance into graduate schools and competition for financial aid. It has been ascertained that most graduate schools will accept students who have elected to take some courses on a pass/fail basis, but that if courses taken on this basis are sufficient in number on the transcript, Graduate School Examinations may be utilized to determine the student's acceptability. Graduate schools, in general, do tend to favor those applicants who have good letter grades on their transcripts.

Credit/Noncredit Grading

A credit/noncredit option is utilized by departments in courses where the standard letter grades do not seem appropriate. Such courses will be designated as CR/NC in the class schedule book. All students taking such courses will receive either CR or NC in place of letter grades. Neither CR nor NC will have any effect on a student's grade point average. Courses for which the CR is received will count towards graduation requirements, and there is no limit to the number of such courses that may be taken by an individual student. The CR/NC courses taken by students do not count in the number of pass-fail courses that can be elected.

Incomplete

An I (incomplete) grade is awarded only when a student has completed the majority of the work of a course and the student's work has been of acceptable quality (C or better), but the required amount of work has not been completed because of illness,

necessary absence or other satisfactory reasons. It is never applied to poor work or to absence from class by the student. The student must inform the instructor of the reason for the requested incomplete, and the instructor may at his or her discretion agree to the request.

An I grade must be removed within one calendar year from the end of the semester or session in which that grade was given. The time for removal of an I may be extended upon written recommendation of the instructor and approval of the dean of the college. Such extension will be granted only under unusual circumstances.

The initiative for conversion of an I to a letter grade rests with the student. If not converted to a grade by the end of the one-year period, the I will remain as a permanent part of the student's academic record. Students and faculty are encouraged to establish a written agreement on the work and time needed to remove the incomplete.

Grade Changes

When a letter grade (excluding I for incomplete grade or IP for in progress grade) is posted to a student's permanent record, it will be considered final unless an error was made in assigning the grade. Permitting a student to submit missing work or extra credit to improve a grade after the grade has been posted is not acceptable.

If an instructor error is identified, the instructor must file a grade change form, explaining the error. This form requires the approval of the department head. The appropriate dean will review and approve grade changes to ensure consistency with academic policies. All changes in letter grades (except from an I or IP grade) will require the signature of the dean of the college. The grade change is then submitted to and processed by personnel in the Office of Records and Registration. One year after the end of the relevant semester all grade changes from I or IP will require the permission of the dean of the college.

It is the responsibility of the student to call the instructor's attention to a possible grading error in a timely manner, but not more than 12 months after the questionable grade is posted. Three years following the close of any term of enrollment, the student's transcript will be considered to be the final indisputable record of academic achievement. Specifically, at the end of three years, grades are considered final, and no changes will be made to transcripts (e.g., no term or individual withdrawals, no grade omissions, no recalculated grades based on mathematical or clerical error, no incomplete removals). The only exception to this rule will be for master's specialist and doctoral field-based research, internships and dissertation hours.

Please Note: For the latest information on how these and other policies affect your Financial Aid, click on this link to their website.

Repeats

Students who meet the prerequisites and all other conditions for enrollment may repeat courses. All grades earned will be retained on the student's permanent record, with repeats indicated. Credit and grade point calculations for repeated courses are determined by the following rules:

Credit Earned:

1. Unless otherwise noted in the course description, credit for any repeated course (including all attempts at EMU and transfer credit granted) will apply only once toward all degree requirements.
2. The rules below do not apply to courses (such as Independent Studies) that can be taken for credit more than once. Multiple attempts in such courses are not considered repeats, and all grades received will be used in determining the student's grade point average.
3. A student who earned a passing grade in a course or who has previously received transfer credit for the course will lose the credit if he or she subsequently retakes the course and receives an E. If a student receives an Incomplete in the final attempt of a repeated course, the most recent earlier grade is the grade of record until the course work is completed and the I is replaced by the grade earned.

Repeated Courses and Grade Point Average (GPA):

1. Courses that are dropped or from which a student has withdrawn are not counted as attempts for purposes of this policy.
2. If a student repeats a course up to two times (for a total of three attempts), only the last grade received will be used in determining the student's grade point average. As stated above, all course attempts with repeats indicated will remain on the permanent record, even if not used to determine the grade point average.
3. There are no restrictions on the number of times that a student may repeat a course, however, the grades earned in the third and all subsequent attempts will be used in determining the student's grade point average unless explicit permission to have previous grades for the course eliminated from the calculation is granted by the head of the department or director of the school in which the course is offered. The student must contact the department head or school director prior to the end of the semester in which the course is repeated to obtain this permission. Such permission is required for every attempt beyond the third.
4. There are no restrictions on the number of different courses that a student may repeat, however, if a student repeats more than ten different courses, grades for ALL attempts (from the first on) for the eleventh and all subsequent courses will be used in determining the student's grade point average unless explicit permission to repeat the course is granted by the Academic Standards Committee in advance. The student must contact the University Advising and Career Development Center to request permission.
5. Such permission is required for every attempt of every course beyond the tenth. A student repeating a course may not elect a Pass/Fail grading option if the grade of record for the course is a letter grade.

Transfer Courses as Repeats:

1. If a student has credit for a course taken at EMU with a passing grade as the grade of record and subsequently transfers an equivalent course from another institution, the transfer credit will be treated as if it were another attempt at EMU, and the rules above will be applied. The grades received in previous attempts at EMU will not be used in determining the student's grade point average provided the total number of attempts, including the transfer, does not exceed three (3) and this repeat does not exceed the limit of ten (10) repeated courses. (Note that students receive credit, but not grades for transfer courses, so no grade for the course would be used in determining the student's grade point average in this case.)
2. If the grade of record is a passing grade, but the transfer course constitutes the fourth or later attempt, or if the student has already repeated ten or more courses, the grades received at EMU will be used in determining the student's grade point average as outlined in the previous section unless explicit permission is granted by the EMU Registrar to exclude the EMU grades once the transfer credit has been posted.
3. Advance permission from the EMU Registrar is required for student who want to transfer credit for a course equivalent to a course that the student has taken at EMU and for which the grade of record is a failing grade.

Note: Second admission programs and graduate programs may calculate grade point averages according to their own internal rules; for example, many specify that grades received in all attempts be used in the calculation. This policy does not apply to those admissions processes.

Grade Point Average (GPA)

The scholarship index or grade point average is the total number of Eastern Michigan University grade points acquired divided by the total number of Eastern Michigan University credit hours taken that carry grade points. When a course is repeated, only the last grade is used in the computation of the cumulative grade point average.

Transfer credit from another accredited institution is allowed for all transferable courses in which a grade of C or better is received, but is not included in computation of the GPA.

Calculation of GPA for returning former students who have not attempted any college or University work for at least two calendar years does not include courses in which a grade of less than D- was assigned. E grades will be changed to 2YR to reflect academic forgiveness.

Academic Probation and Dismissal

If, at the end of any term of enrollment, an undergraduate's cumulative GPA falls below 2.0, having previously been at or above 2.0 (or if the student is new to the University), that student will be placed on academic probation (P1). The student will then have three terms of enrollment (spring/summer count as one) to raise the cumulative GPA to 2.0 or higher. At any time that the student's cumulative GPA reaches 2.0, the student will be restored to good academic standing (GO). Unless the cumulative GPA has been raised to 2.0 by the end of the third term of probation (P3), the student will be subject to academic dismissal.

Exceptions to this policy are as follows:

1. Any student whose first term of probation is the result of a semester of all Es must earn better than 0.00 (all Es) in the first term of probation or face dismissal immediately.
2. Students who have been readmitted (RA is equivalent to P1) after a dismissal will be placed on P2 after their first term if their cumulative GPA remains below 2.0. They will have two terms to raise their cumulative GPA average to 2.0 or they will face a second and final dismissal.
3. All initial dismissal actions are subject to appeal. Procedures and deadlines for such appeals will be included in notices of academic dismissal sent to students at the conclusion of a term of enrollment. If an appeal is successful, the student will be reinstated (RN), which means the dismissal does not count. Students who are reinstated after an appeal will be given one more term to raise the GPA to 2.0 or they will be dismissed.

Students dismissed from the University for the first time may not attend Eastern Michigan University for one calendar year. They can then apply for readmission through the University Advising and Career Development Center. Procedures and deadlines for readmission are available in the University Advising and Career Development Center (200 McKenny Hall); contact the Associate Director for Academic Advising. Students dismissed more than once (excluding reinstatement) are usually not eligible to return to the University. On occasion, when students have been away from the University for at least 10 years, a request may be submitted, through the Director for Academic Advising, to the Academic Standards Committee, who will make the final decision in such a case. While remaining out of the University due to a dismissal, students may choose to attend another institution. Certain rules apply to course work taken elsewhere. Refer to the repeat policy in the catalog and consult with the University Advising and Career Development Center on transfer of courses. While on academic probation, a student may meet with the Assistant Director for Academic Actions or any adviser in the University Advising and Career Development Center. In addition, students may seek help in developing successful strategies for academic performance through the Holman Learning Center, the Counseling Services Center and the University Advising and Career Development Center

Certain conditions are attached to an academic status of probation. Students on probation may not:

- Enroll in more than the established maximum load for regular full-time status in any term of enrollment. For fall and winter, this would be 16 credits (15 credits if student teaching); in spring and summer, eight credits.
- Enroll in education courses or courses that require admission to the College of Education.
- Receive credit for graduate-level courses (500-level).
- Take courses on Pass/Fail.

Note: A revision to the Academic Probation Policy will be announced later this year, at that point in time the Catalog will be revised to reflect the changes made to the policy.

Drops/Withdrawals from Individual Classes

Drops/Withdrawals from Individual Classes

When withdrawal from a class, or from all classes, brings students' academic loads below the minimum number of hours necessary to qualify as full-time students for University housing, scholarship aid, student loans or any other benefits they enjoy for which academic enrollment was a prerequisite, the University may, at its option, take any or all of the following steps:

1. Deny permission to withdraw.

2. Cancel the benefits as of that date.
3. Declare the student ineligible for present and/or future benefits of a similar nature.
4. Deny permission to re-enroll in subsequent semesters.

Drops/withdrawals from class are permitted according to the following schedule (fall and winter):

Drop

- First eight days: All student-initiated drops during this period may be processed through the registration system. Such drops are not recorded on the student's permanent record.

Withdrawal

- Ninth day through tenth week: all student-initiated withdrawals are accepted automatically and recorded as a W (however, first semester freshmen must check with the University Advising and Career Development Center before withdrawing from courses). A withdrawal may be processed through the registration system or by submitting a withdrawal form to the Office of Records and Registration, 303 Pierce Hall.

Administrative Withdrawal

- After 10th week until beginning of final exam period: students can withdraw only if they have specific extenuating circumstances, of recent occurrence, which clearly prevent them from completing the course in question. **Withdrawals are not automatic and documentation is required.** Make application for Administrative Withdrawal at the Office of Records and Registration, 303 Pierce Hall. The decision will be communicated to the student and the instructor in question. Students must not stop attending class until they have received notification that the administrative withdrawal has been approved. If a student stops attending class and does not take the final exam without being withdrawn, University policy requires that the instructor assign a grade of E for the course.

Note:

These procedures and University withdrawal procedures also apply to spring and summer sessions, though the time frame is more condensed. The exact withdrawal and deadline dates are printed in the current Class Schedule Book for the session concerned.

Withdrawals from the University

The following University procedure is subject to change in accordance with regulatory changes initiated by the United States Department of Education.

A credit adjustment of 100 percent of tuition and fees for the fall and winter semesters, less a registration fee, will be made to those students who completely cancel their registration or withdraw from the University through the eighth business day of the semester. For the spring and summer semesters, a 100-percent credit adjustment, will be made through the first four business days of the semester. Actual dates are printed in the Class Schedule Book for each semester.

A credit adjustment for total withdrawals after the eighth day of fall and winter semesters, or the fourth day of spring and summer semesters, will be made according to the following schedule:

Withdrawal by the following day of the semester

Credit Adjustment	Fall/Winter	Spring/Summer
50-percent	19th	10th
25-percent	38th	19th

0-percent

Last day before finals

Last day before finals

Actual dates are printed in the class schedule book for each semester and session. No credit adjustments will be made after the above stipulated dates.

Retroactive Withdrawal

Retroactive withdrawal from the University may be requested by a student when unexpected circumstances arise after the completion of classes for a term. Normally, the request will be considered only for the preceding term.

The retroactive withdrawal policy is dependent on one or both of the following reasons:

1. *Administrative.* Through an administrative problem or error, the student received an E grade.
2. *Mental or physical stress.* Subsequent to awarding the term grades, the student claims that severe physical or psychological stress was present during the semester. Documentation must be presented by or on behalf of the student, and a consultation may be required. In this case, the decision will affect all the classes the student was registered for during the term in question. In cases of severe mental or physical stress, it is usually assumed that students are so incapacitated they were not able to carry on with University responsibilities.

In either situation, the student must initiate the request at the Office of Records and Registration, 303 Pierce Hall. Upon review of the documented evidence and possible further consultation, the director or designee will recommend action to the vice president for undergraduate studies or designee.

The approval of a retroactive withdrawal does not constitute approval of a tuition refund. Grades of W will be posted on the official academic record.

Student Conduct/Grievances

Grade grievance procedures may be obtained from the academic department involved. Student employment grievance procedures may be obtained from the University Advising and Career Development Center, 200 McKenny Hall.

Return To: Academic Policies

Undergraduate Policies and Information

Return To: Academic Policies

Undergraduate Policies and Information

Admission and Financial Aid: www.emich.edu/policies/chapter7/

Admissions: www.emich.edu/admissions/

Financial Aid: www.emich.edu/finaid/

University Governance and Individuals' Rights

Board of Regents: www.emich.edu/regents

Eastern Michigan University is an autonomous University governed by an eight-member board of regents appointed by the governor of Michigan and subject to the approval of the Michigan Senate. Financial support for the University comes from student tuition and fees, and support provided by the citizens of Michigan.

Policies on Nondiscrimination

Eastern Michigan University shall not discriminate against any person because of race, color, creed, religion, national origin, gender, age, disability or sexual orientation. Further, the University shall work for the elimination of improper discrimination in the areas listed above in organizations recognized by the University and from non-University sources where students and employees of the University are involved.

Equal Opportunity and Affirmative Action Policies

Eastern Michigan University admits students of either sex, and any race, color or national or ethnic origin to all the rights, privileges, programs and activities accorded to students at this University. The University does not discriminate against students on the basis of sex, race, color or national or ethnic origin in the administration of its educational policies, admissions policies, scholarships and loan programs and athletic and other University-administered programs. Further, it is the policy and practice of Eastern Michigan University to take affirmative action in all personnel matters.

Gender Equality

It is the policy of Eastern Michigan University to comply with Title IX of the Education Amendments of 1972 and its regulations, which prohibit discrimination on the basis of sex. Anyone who believes that in some respect Eastern Michigan University is not in compliance with Title IX and its regulations should contact the executive director of Human Resources.

Nondiscrimination of the Disabled and/or Challenged: www.emich.edu/diversity/

In its programs, activities and employment, Eastern Michigan University does not discriminate on the basis of physical or other disabilities. Anyone who believes that in some respect Eastern Michigan University is not in compliance with the Rehabilitation Act and its regulations should contact the executive director of Human Resources. Prospective students with disabilities who are otherwise qualified for admission are invited to apply. Students encountering difficulty with access to full participation in University activities should contact the ombudsman.

Statement on Campus Violence

In accordance with the education mission of Eastern Michigan University, the University adopts this policy statement to promote a safe campus environment. The statement reflects the nonviolent spirit of the relationship between students, staff, administrators, faculty, contractors and visitors at Eastern Michigan University.

The safety and security of our students, staff, administrators, faculty, contractors and visitors is extremely important to Eastern Michigan University. Threats, acts of aggression and threatening or violent behavior are not tolerated by or toward students, staff, administrators, faculty, contractors or visitors. All reports of incidents will be taken seriously and will be dealt with appropriately.

Threats can be direct and immediate or indirect and implied; threats can occur verbally, nonverbally or in writing. Acts of aggression include, but are not limited to, abusive behavior, stalking and tampering with property and are intended to intimidate, create fear, imply harm or destroy property. Threatening or violent behavior is behaving in such a way that poses an immediate threat to self or others by acts of physical harm.

All students, staff, administrators, faculty, contractors and visitors are strongly encouraged to report threats, acts of aggression and threatening or violent behavior to the Campus Police (911 for all emergencies, 487.1222 for all other calls), Human Resources (487.0083), and/or your department head or supervisor, to help ensure the safety of our campus community.

Family Education Rights and Privacy Act:

www.emich.edu/registrar/registration_info/ferpa.php

Student Conduct and Community Standards: www.emich.edu/studentconduct/index.php

Student Conduct Code: www.emich.edu/studentconduct/conductcode.php

Detailed policy information can be found here: www.emich.edu/policies

Return To: Academic Policies

The Undergraduate Experience - Transfer Information

Return To: Academic Policies

Click on a link to be taken to the entry below.

- [Community College Relations](#)
- [The MACRAO Agreement](#)
- [Articulation Agreements](#)

Community College Relations

Pat Cygnar, Director

E-mail: pat.cygnar@emich.edu

Trish Molloy

E-mail: pmolloy@emich.edu

Address: 229 Rackham Building

Phone: 734.487.6577

Web site: www.emich.edu/ccr

The Office of Community College Relations works collaboratively with the faculty and staff of EMU and community colleges to enhance the educational transition process for community college students. Our purpose is to promote a seamless transfer process that minimizes the loss of academic credit and time in obtaining a bachelor's degree. Many EMU academic programs have signed program articulation agreements with community colleges, that ensure the transfer of credit from an associate degree program to a bachelor's degree program. Students who use an articulation agreement may receive credit for courses or blocks of courses that do not transfer outside of the agreement. The agreement also provides a curriculum guide that, makes it easier to select courses that satisfy the program and institutional requirements at both schools. Community college students should check with their counselor or program adviser about the availability of articulation agreements, or visit the CCR web site (www.emich.edu/ccr).

CCR activities include:

- Facilitating the development of program articulation agreements;
- Facilitating collaborative arrangements with community colleges (such as faculty meetings and professional workshops, joint promotion of articulated programs and joint sponsorship of student activities);
- Maintaining and updating articulation agreements;
- Maintaining a web site with articulation curriculum guides and information on the status of articulation agreements;
- Providing support to community college faculty and staff regarding transfer student issues including articulation and transfer equivalency;
- Working with the EMU Transfer Services to facilitate course credit equivalency for transfer students;
- Providing articulation information to the EMU Advising Centers;
- Collaborating with the Admissions Office in sponsoring Community College transfers events and activities;

Please also refer to the transfer website for more details on transferring to EMU.

The MACRAO Agreement

Eastern Michigan University is a signer of the MACRAO (Michigan Association of Collegiate Registrars and Admissions Officers) agreement. The purpose of this agreement is to ensure that students who complete a specified distribution of general education courses at a Michigan community college will have satisfied all or most of the general education requirements at signatory four-year colleges. Eastern Michigan University accepts the MACRAO agreement with the following provision:

Students who have been certified by a signatory community college as having satisfied the general education requirements of the MACRAO agreement will be required to fulfill only the three additional requirements now a part of Eastern Michigan University's general education requirements: a quantitative reasoning course (unless waived by ACT or SAT scores), a U.S. diversity or global awareness course, and a learning beyond the classroom experience or course. This agreement applies only to general education and does not exempt community college students from meeting all curriculum and graduation requirements.

Articulation Agreements

Articulation agreements between Eastern Michigan University and certain two-year colleges allow students to complete an associate degree and transfer into a related bachelor's degree program with minimum duplication of coursework and loss of credit. Articulation agreements list the courses that will transfer to Eastern Michigan University and show how they fulfill requirements toward completion of the bachelor's degree program. Articulation Agreement Guides are available online at www.emich.edu/ccr.

To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Return To: Academic Policies

The Undergraduate Experience - Financial Aid & Information

Click on a link to be taken to the entry below.

- Financial Assistance
- Academic Scholarships
- Federal and State Financial Aid
- Financial Information and Student Accounts
 - Tuition and Fees
 - Tuition and Fee Payment
 - Program Adjustment Fee
 - Credit Adjustment for Total Withdrawal
 - The General Fee
 - The Program Fee
 - Student Union Fee
 - The Technology Fee
 - Service Fees
 - Student Expenses

Financial Assistance

During the 2004-2005 school year, Eastern Michigan University provided \$126,256,977 in financial aid to more than 14,500 students in the form of scholarships, grants, awards, GA tuition/stipends, athletic grants-in-aid, part-time employment and fellowships.

The federal government, State of Michigan, Eastern Michigan University and private sources provide program funding. While most awards are based on financial need, scholarships often have academic achievement requirements or other eligibility criteria.

Federal and state aid is awarded to help pay college costs based on the assumption that parents and students will contribute as much as they are financially able. To the extent that the family does not have sufficient resources to meet the costs of higher education, students may qualify for need-based financial aid.

Academic Scholarships (see chart below)

- New freshmen who are admitted by Mar. 1 and transfer students by May 15 for the following fall are considered for scholarships through the EMU Admission application.
- Continuing students apply annually, by completing the University Scholarship Application. Applications are available online in the Office of Financial Aid section in October and are due in January.

Presidential Scholarship - Four-year award that pays 30 credit hours per year of in-state tuition, housing, food allowance and mandatory fees. Awards are based on a competitive exam. Requires an additional application, available at high schools beginning each September. Sixteen awards are made per year. Minimum 3.5 GPA for renewal. Recipients must live in University residence halls their first two years. Deadline to apply is generally November 20 of each year.

Regents Gold Scholarship - Four-year award that pays 30 credit hours per year of in-state tuition and fees. Awarded only to participants in the Presidential Scholarship Competition.

Regents Scholarship - Four-year award that pays \$3,000 per year. High school seniors must have a 3.7 GPA with a 25 ACT or 1150 SAT. Minimum 3.5 for renewal. Must be admitted by Mar. 1 for the fall semester (or May 15 for transfer).

Recognition of Excellence Scholarship - Four-year award that pays \$2,000 per year. High school seniors must have a 3.5 GPA with a 21 ACT or 1000 SAT. Minimum 3.3 for renewal. Must be admitted by Mar. 1 for the next fall semester (or May 15 for transfer).

National Scholars Program - Four-year award that pays 30 credit hours per year (15 per semester) of out-of-state tuition differential. High school seniors must have a 3.0 GPA with a 20 ACT or 950 SAT. Minimum 3.0 for renewal. Must be admitted by Mar. 1 for the next fall semester.

Wade McCree Scholarship - Eastern Michigan University participates in this scholarship program. The program originates at the high school and determines the student eligibility. Students receiving the scholarship should contact the program administrator about activating their scholarship or transferring remaining scholarship eligibility to EMU. The value of this scholarship is the full cost of tuition less any tuition specific scholarships or grants.

Eagle Scholarship - Four-year award to freshmen that pays \$1,500 per year. Requires 12 credit hours enrollment each semester and 2.75 GPA to renew.

Leader Award - One-year award of \$1,000. Continuing EMU students must have a GPA of 2.0 and must show volunteer involvement at EMU or in the community for consideration.

Community College Scholarship - One-year award of \$1,000. Transfer students must have completed at least 30 credit hours with a minimum cumulative 3.5 college GPA and must be admitted by May 15 for the next fall semester.

Departmental Scholarship - Award amounts vary and are made by departments. Selections can be based on academic as well as representative talent within that department or major.

Music Service Awards - Award amounts vary. Awards are made to students who perform in EMU's music programs or provide outstanding service to the Music and Dance Department. Deadline is June 1 for the next fall semester.

Communication/Theatre Arts Service Awards - Awards are made to students who perform in forensics or theatre arts programs, or make outstanding contributions to the Communication/Theatre Arts Department.

Army and Air Force ROTC Scholarships are also available. Contact the ROTC office at 734.487.1020 for more information.

Many academic scholarships are provided by external sources, including community agencies, service organizations, charitable organizations, civic groups and foundations. Students should investigate these potential resources by checking with public and University libraries for scholarship resource books and by contacting the agencies directly.

Undergraduate Academic Scholarships

Awarded	Minimum Requirements	Amount	Freshman Housing Requirement	Renewal Criteria	Deadline
Presidential Scholarship	Participate in the Presidential Scholarship Competition (PSC)	30 credit hours per year of in-state tuition, housing, food allowance and mandatory fees 4 years	Residence halls for first two years	3.5 Cumulative GPA 15 credit hours each semester	November 20
Regents Gold Scholarship	Participate in the PSC. Top 30 Test Scores (Preschol alt)	30 credit hours per year of in-state tuition and fees 4 years	Residence halls for first two years	3.5 Cumulative GPA 15 credit	November 20

				hours each semester	
Regents Scholarship	<p>Freshman Participate in the PSC or be admitted by March 1 and 3.7 High School GPA and 25 ACT/1150 SAT</p> <p>Transfer Student 3.7 College GPA and 30 transferable credit hours</p>	\$3,000 per year 4 years	No	3.5 Cumulative GPA 15 credit hours each semester	November 20 or must be admitted to EMU by March 1 for fall semester or May 15 for transfer students
Recognition of Excellence Scholarship	<p>Freshman 3.5 High School GPA and 21 ACT/1000 SAT</p> <p>Transfer Student 3.5 College GPA and 30 transferable credit hours</p>	\$2,000 per year 4 years	No	3.3 Cumulative GPA	Must be admitted to EMU by March 1 for fall semester or May 15 for transfer students
National Scholars Program	<p>Freshman 3.0 High School GPA and 20 ACT/950 SAT</p> <p>Transfer Student 3.0 College GPA</p>	30 credit hours per year of out-of-state tuition differential 4 years	No	3.0 Cumulative GPA	Must be admitted to EMU by March 1 for fall semester or May 15 for transfer students
Wade McCree Scholarship	Start program in high school. See program adviser for further requirements and more info.	The full cost of tuition less any tuition specific scholarships or grants	No	2.5 Cumulative GPA	
Eagle Scholarship	3.0 High School GPA	\$1,500 per year 4 years	No	2.75 Cumulative GPA 12 credit hours per semester	Must be admitted to EMU by March 1
Leader Award	2.5 Cumulative GPA for continuing EMU students. Volunteer at EMU or in the community	\$1,000 1 year	No		None
Departmental Scholarship	See your departmental adviser for more info.				
Music Service Award	See an adviser from the Department of Music and Dance for more info.				June 1 for fall semester

Communication/Theatre Arts Service Award	See an adviser from the Communication and Theatre Arts Department for more info.				
Army and Air Force ROTC Scholarship	Contact the ROTC office at 734.487.1020 for more info.				

Federal and State Financial Aid

To be considered for federal and state aid programs, students complete the Free Application for Federal Student Aid (FAFSA) available at www.fafsa.ed.gov beginning each January. The FAFSA must be filed every year to determine eligibility for the upcoming academic year.

Priority funding will be offered to students who receive their Student Aid Report from the FAFSA processor dated March 1 or earlier. To meet this deadline, applications should be filed by February 15.

General Eligibility Requirements for Financial Aid

By completing the FAFSA, eligible students will be considered for all federal and state aid programs. To receive aid, a student must:

- Be enrolled in an eligible program;
- Be a U.S. citizen or an eligible noncitizen;
- Demonstrate need;
- Make satisfactory academic progress toward a degree;
- Not be in default on a federal student loan;
- Not owe a refund on any Federal Title IV, state or University aid program.

The FAFSA application collects information about family income and assets, family size and the number of family members attending college at least half time. Based on an analysis of this data, the federal government determines the expected family contribution that is identified on the Student Aid Report. The expected family contribution is subtracted from the University's cost of education to determine whether there is a difference between the family's ability to pay and the college budget. Most federal and state programs are awarded based on a student's need.

The cost of education consists of an estimate of direct and indirect expenses. The direct costs are tuition, fees and room and board. The indirect costs are books and supplies, transportation and miscellaneous personal expenses. The cost of education at EMU is determined annually.

The cost of education* for undergraduate students for fall and winter 2008-2009 semesters:

On-campus	\$17,590
Off-campus	\$17,590
Commuter	\$13,070

Note:

**Estimated and subject to change.*

Determination of Need-based Financial Aid Awards

The award process for the upcoming academic year begins in March. Aid is awarded to students once they have been officially admitted to the University and EMU receives the institutional record of the Student Aid Report from the federal government. Once the Office of Financial Aid has determined the aid package, a Financial Aid Award Statement will be made available to the student applicant. The award statement contains information regarding the type and amount of aid, disbursement information and other instructions necessary to complete the aid process.

Financial aid awards are processed and funds disbursed in compliance with established federal, state and institutional policies.

Federal Financial Aid Programs

The maximum amounts of aid described below are subject to change by federal and state regulations or University policy.

Federal Pell Grant - Annual awards of up to \$4,731 are available to undergraduate students who are enrolled and have demonstrated financial need.

Federal Supplemental Educational Opportunity Grant - Awards range from \$100 to \$2,000 per year. Priority is given to students who receive Federal Pell Grants.

Federal Academic Competitiveness Grant (ACG) - \$750 for first-year and \$1,300 for second-year undergraduate students. To be considered, a student must have completed a rigorous secondary (high school) program of study after Jan. 1, 2006, and must be Pell Grant eligible and a U.S. citizen.

Federal SMART Grant - \$4,000 per year for full time third- and fourth-year undergraduate students majoring in science, computer science, technology, math and some foreign languages. Students must have 3.0 GPA, and be Pell Grant eligible and U.S. citizens.

Federal Perkins Loan - Annual awards are available to undergraduate and graduate students who are enrolled at least half-time and have demonstrated financial need. Undergraduates may borrow up to \$4,000 per year (\$20,000 maximum) and graduate students may borrow \$6,000 per year (\$40,000 maximum including loans borrowed as an undergraduate). Priority is given to students who receive Federal Pell Grants.

Federal Subsidized and Unsubsidized Loan Program - Loans are provided through the U.S Department of Education. Following is the maximum annual amount a dependent student may borrow, based on academic level:

Freshman	\$5,500
Sophomore	\$6,500
Junior/Senior	\$7,500

Federal PLUS Loan Program

The Federal Parent Loan for Undergraduate Students (PLUS) is a loan from private lenders to parents of dependent students. Parents may borrow up to the cost of education less any other financial aid (including the Unsubsidized Stafford Loan amount). The PLUS loan is available to parents after a credit check to determine ability to repay. Interest rates are determined by the bond equivalent rate of the 91-day Treasury Bill plus 3.10 percent, not to exceed nine percent. A three percent origination fee is paid directly to the federal government from the loan proceeds. Repayment begins within 60 days after loan disbursement. Repayment may take up to 10 years. Minimum monthly payment is \$50.

Submit a pre-application online at www.emich.edu/finaid/ for a credit check. Upon successful completion of a promissory note, the loan funds are made payable to the parent and Eastern Michigan University. The funds are sent electronically to EMU in two disbursements.

Federal PLUS Loan for Graduate Students

Graduate students may apply for the Graduate PLUS Loan in addition to the Federal Stafford Loan.

Michigan Financial Aid Programs

Michigan Competitive Scholarships - This state-funded scholarship program is based on a combination of ACT tests score and financial need, as determined by completing the FAFSA. Students initially apply by taking the ACT no later than October of their senior high school year. The second step of the application process is to submit the FAFSA. The state has a deadline of March 1 for students to receive a processed FAFSA. Students may annually renew the scholarship by maintaining a 2.0 GPA and demonstrating continued financial need.

Michigan Adult Part-Time Grant - Need-based gift aid available to undergraduates who are enrolled on a part-time basis. Students must meet independent criteria as indicated on the FAFSA. Grants of up to \$600 are available for a maximum of two years.

Michigan Educational Opportunity Grant - Need-based gift aid to undergraduates enrolled at least half time. Students who meet the basic requirements for the Michigan programs are eligible. Grants of up to \$1,000 per year are available.

Michigan Work-Study Program - Need-based program that provides work opportunities for undergraduates. Both nonprofit and profit-based employers may sign agreements with Michigan colleges to participate in this program. Students who meet the basic requirements for the Michigan programs are eligible. Awards range from \$900 to \$3,000 per year.

Verification of Financial Aid Application Information

Applicants selected for verification must provide documentation to prove the accuracy of certain items reported on the FAFSA before aid is disbursed. Major items verified may include:

- Copies of federal income tax returns with schedules
- W-2 forms
- Verification Worksheet
- Most recent year-end statements for:
 - Child support
 - Social security benefits
 - Other forms of income/benefits not included on a W-2
 - Benefits received from other federal and state agencies
- Documentation of Orphan or Ward of the Court status

The deadline by which verification documentation must be submitted is published annually by the Office of Financial Aid but no later than the student's last date of enrollment for the fiscal year. Failure to submit required documents by the due date will result in the cancellation of financial aid offers.

Payment of Financial Aid

A financial aid file must be complete and verified, if required, before aid is paid to a student's account. The following aid is paid directly to a student's account:

- Federal Pell and Supplemental Educational Opportunity grants
- State of Michigan grants and scholarships
- University grants and scholarships
- Outside scholarships
- Federal Subsidized and Unsubsidized Stafford loans with electronic funds transfer

- Federal Perkins Loans
- Federal Parent (PLUS) Loans

Federal and state college work-study checks are issued directly to students for hours worked on a bi-weekly basis.

Students will be issued refunds through their EagleOne accounts for aid applied to an account that exceeds the charges on that account. Financial aid will not pay for library fines, late/installment fees, hang tags or telephone charges.

Satisfactory Academic Progress (SAP)

Federal regulations require that students progress satisfactorily toward graduation. Satisfactory Academic Progress is evaluated using three factors: grade point average, percentage of attempted courses completed and maximum credits of eligibility in which to complete a degree. Students who fail to maintain SAP may lose eligibility to receive funds from federal Title IV, state or University need-based aid programs.

Students must maintain the following requirements:

- **Undergraduate:** overall GPA of 2.0 or better;
- **Graduate:** overall GPA of 3.0 or better;
- Completion of 67 percent of all attempted credit hours;
- Completion of program of study within the maximum of 150 percent of the total program hours, including transfer credits.

Students who do not meet the SAP requirements will be put on probation. Failure to improve SAP while on probation will result in cancellation of future financial aid eligibility.

Students who had extenuating circumstances that resulted in failure to maintain SAP may appeal the cancellation. Students must submit a letter of appeal addressed to the Financial Aid Review Committee and attach third party documentation, as appropriate.

Repayment Policy

Some students who withdraw from all classes before the end of the semester and who have received federal or state aid may be required to repay all or a portion of aid paid.

Financial aid is used for expenses incurred while attending school. Any portion allocated to the weeks the student did not attend classes must be repaid.

Students are notified when funds are returned to their lender and/or when they are required to repay aid. Consult the Office of Financial Aid before dropping a class or withdrawing from all classes to determine whether aid and/or scholarships will be repaid, reduced or cancelled.

Loans without a FAFSA

Students may apply for the following loans without a FAFSA:

University Short Term Loans (USTL) - Available to part-time and full-time students who:

1. are currently enrolled at the University;
2. have earned previous credit at Eastern;
3. qualify academically (minimum GPA of 2.0 "C" undergraduate, GPA of 3.0 "B" graduate);
4. have no past due obligations;
5. have repaid previous loans satisfactorily.

Students may borrow up to \$250 without a co-signer or up to \$500 with a co-signer. Applications may be obtained at the Student Loan Accounting Office, 203 Pierce Hall. Loans are processed within 24 hours, Monday-Friday.

The Small Loan Fund - Provides 30-day, short-term, interest-free loans to \$15 maximum to help students meet emergencies. Loans are available at the Cashier's Office, Pierce Hall.

Tax Information

Grants and scholarships received in excess of qualified tuition, fees, books, supplies and equipment may be taxable income. Students who do not earn enough money to file income tax returns may need to determine if their financial aid makes a difference in their tax filing status. EMU will issue 1098T and 1098E forms to assist in determining taxable income and eligibility to claim the Hope or Lifetime Learning Tax Credits for Student Loan Interest deduction. Contact the IRS with any questions regarding tax issues.

Financial Information and Student Accounts

Tuition and Fees

All University fees and assessments are subject to change without notice at any time by action of the Board of Regents.

Registration

Students must be registered before attending class. The registration fee is \$43 for each semester. This service fee is assessed at the time the student registers.

An additional late registration fee of \$120 per semester is charged to students who do not complete registration prior to the official first day of classes each semester. The last day to register is at the mid-point of the term or session.

Financial obligations must be met by students by the posted due dates in order for students to be eligible for the next registration period (or graduation). Transcripts, diplomas or other statements of record will be withheld and students will be ineligible for further registration until obligations have been fulfilled.

Cancellation of registration by a student who decides not to return to EMU after registering in advance for classes must be initiated by the student on a signed cancellation-of-registration form either in person or by mail to the Office of Records and Registration, 303 Pierce Hall. If students have applied for University housing, they also must cancel the contract in the Housing Office. This is necessary for cancellation of room and board assessments.

Failure to withdraw may leave students with responsibilities for payment of tuition, fees and housing charges that will not be paid by financial aid.

Tuition

Tuition is assessed for all credit hours for which the student is registered. Regardless of student class level, undergraduate tuition is assessed for all courses through the 400-level; graduate tuition is assessed for all courses 500-level or above.

Off-campus tuition rates are the same as on-campus tuition rates (online courses, which are offered at in-state tuition rates, cost an additional \$43 per credit hour).

Tuition for auditing classes is the same as for-credit classes.

2008-2009 Michigan and Ohio resident rates, per credit hour:

Undergraduate courses up to 499	\$229.50
Graduate courses lower level (500-699)	\$401.50

Doctoral assessment upper level (700 and above)	\$462.00
2008-2009 nonresident rates, per credit hour:	
Undergraduate courses up to 499	\$676.00
Graduate courses lower level (500-699)	\$791.50
Doctoral assessment upper level (700 and above)	\$756.35

Residence Classification for Tuition Purposes Policy

I. Regulations for determining residence classification

A person enrolling at Eastern Michigan University shall be classified as a resident or a nonresident for tuition purposes. A student's residence status shall be determined at the time of his/her initial admission to the University. In order to determine the domicile of a student, the following regulations will be utilized:

A. Establishment of Residence

No student shall be eligible for classification as a resident for tuition purposes unless the student has demonstrated that he/she has established domicile in Michigan.

B. Minors and Dependents over 18

The domicile of a student who is not yet 18 years of age follows that of the student's parents or legal guardian. If that student's parents or legal guardian would qualify in accordance with the University's regulations for determining residence classification, that student shall be considered a Michigan resident for tuition purposes.

Students 18 years of age or older who are claimed as dependents for federal income tax purposes by their parents or guardians at the time of registration and for the tax year preceding the year in which they register will be classified for tuition purposes as though they were minors.

C. Nondependent Students

An independent student 18 years of age or older is considered eligible for residence classification if the student has demonstrated that he/she has established domicile in Michigan.

D. Spouse

The domicile of a student who otherwise would be classified as a nonresident for tuition purposes will follow that of the student's spouse, if the spouse is eligible for classification as a Michigan resident for tuition purposes (applicable only to U.S. citizens or to aliens admitted to the United States in accordance with Subsection E).

E. Aliens

An alien (noncitizen) student shall be eligible for classification as a Michigan resident for tuition purposes if he/she is domiciled in the United States and also qualifies in accordance with the University's Regulations for Determining Residence Classification.

In order to demonstrate that he/she is domiciled in the United States, the student must be a permanent resident, or an alien with one of the following visa classifications, or an alien with other documentation from the Immigration and Naturalization Services that reflects such status:

Visa classifications:

- E-1 - treaty trader, spouse, and children;
- E-2 - treaty investor, spouse, and children;
- G-4 - international organization officer or employee and members of immediate family;

- H-1 - temporary worker of distinguished merit and ability;
- H-2 - temporary worker performing services unavailable in the U.S.;
- H-3 - trainee;
- H-4 - spouse or child of H-1, H-2, or H-3;
- J-1 - exchange visitor (limited to persons engaged as trainees, teachers, professors or research scholars);
- J-2 - spouse or child of J-1 as limited above;
- L-1 - intracompany transferee;
- L-2 - spouse or child of L-1.

F. Migrants

Migrant status is one factor considered when determining if a student is domiciled in Michigan for tuition purposes. Michigan migrants are defined as individuals who have made their livelihood in seasonal work in the state of Michigan, and have traveled interstate for this purpose. Migrant students shall be considered Michigan residents for tuition purposes if they, or their parents or legal guardian, were employed in Michigan for at least two months during each of three of the preceding five years. Verification of employment as migrant workers should be secured from the Michigan Farm Labor and Rural Manpower Services Office. Other appropriate evidence also may be used by migrant workers to establish their status.

G. Spouse or Dependent of a U.S. Military Service Person

The spouse or dependent of a person currently serving in a branch of the U.S. military service (excluding reserve programs) or of a person who died while serving in a branch of the U.S. military service shall be eligible for classification as a Michigan resident for tuition purposes if that military service person qualified in accordance with the University's regulations for determining residence classification immediately before entering the military service as a Michigan resident.

H. U.S. Military Service Veteran

A veteran of a branch of the U.S. military service (excluding reserve programs) shall be eligible for classification as a Michigan resident for tuition purposes if that person qualifies in accordance with the University's regulations for determining residence classification immediately before entering the military service as a Michigan resident.

II. Guidelines And Criteria For Determining Residence Classification

Since a student normally comes to Eastern Michigan University for the primary or sole purpose of attending the University rather than to establish domicile in Michigan, students who enroll in the University as nonresidents shall continue to be so classified throughout their attendance as students, unless and until they demonstrate that their previous domicile has been abandoned and a Michigan domicile is established.

The following guidelines and criteria shall be applied when reviewing a student's classification. It is recognized that no one of the following criteria shall, standing alone, necessarily be controlling. All factors indicating an intent to make Michigan the student's domicile will be considered by the University in classifying a student.

A. The following facts and circumstances, although not necessarily conclusive, have probative value in support of a claim for residence classification:

1. Domicile in Michigan of family, guardian or other relatives or persons legally responsible for the student.
2. Former domicile in Michigan and maintenance of significant connections therein while absent.
3. Self-supporting reliance upon Michigan sources for financial support (verification of Michigan income tax liability must be provided).
4. Continuous presence in Michigan during periods when not enrolled as a student.
5. Long-term military commitments in Michigan.
6. Acceptance of an offer of permanent employment in Michigan (in a position not normally filled by a student).
7. Ownership of real estate in Michigan.

B. Please note: The following circumstances, standing alone, shall not constitute sufficient evidence of domicile to effect classification of a student as a resident under these regulations:

1. Voting or registration for voting.
2. Employment in any position normally filled by a student.

3. The lease of living quarters.
4. A statement of intention to acquire a domicile in Michigan.
5. Automobile registration, driver's license.
6. Birth records or other public records.

III. Reclassification of Residence Status

A student's residence status may be reviewed at each subsequent registration. If a student's circumstances should change to the extent that he/she would no longer be considered a Michigan resident for tuition purposes, as herein described, that student shall be reclassified as a nonresident for tuition purposes 12 months thereafter.

It shall be the responsibility of all students, prior to registering, to raise questions in the Student Business Services regarding their right to be registered as a resident for tuition purposes.

The administration is authorized to establish procedures and delegate authority for determining the residence status of students for tuition purposes.

A tuition reciprocity agreement with Ohio, entered into by the Michigan State Board of Education and the Ohio Board of Regents in 1980, allows an Ohio resident to attend Eastern Michigan University at Michigan resident tuition rates. Monroe County residents can attend the University of Toledo at Ohio resident tuition rates.

Tuition and Fee Payment

1. Log into your my.emich.edu e-mail account, or your forwarded my.emich mail. (If you use a forwarded e-mail address, keep it current.) Each month, you will receive an e-mail notifying you that your bill has been posted. It is the student's responsibility to check e-mail monthly.
2. You will need your E-ID and Personal Identification Number (PIN) to access Ebill, EPay and Payment Plans. At my.emich.edu on the bottom of the first page are instructions to access your E-ID and PIN.
3. View your bill and click on "Current Account Activity" to view transactions that are posted after the bill is issued. You can also go to your profile and add an alternate e-mail address.
4. Pay your bill with your checking account routing number (ACH), MasterCard, American Express or Discover Card via PayPath. You may pay your bill in person or by mail at 201 Pierce Hall, Ypsilanti MI, 48197. Please write your E-ID on your check payment.
5. Allow access to parents or other parties by setting them up as authorized users. All you need is their e-mail address. This will allow them to access your bill, pay your bill, and set up a payment plan. An e-mail is automatically sent to the authorized user with sign-in details. The authorized user will create a new password once in the site.
6. The University offers a payment plan to help manage the cost of education. The cost of the plan is \$29 and is added to your installment payments. The plan automatically adjusts as payments or charges are added to your account. To enroll, simply log into the Ebill site at ebill.emich.edu. Click on "Payment Plan," at the bottom of the Ebill site, and follow the four simple steps to enroll in the plan. We hope you enjoy this added convenience and we welcome any questions you may have.
7. If you have any questions about the system, please send your e-mail to ebill@emich.edu.

EMU's optional payment plan is offered in the fall and winter semesters only and is applicable to tuition and room and board. A minimum of 50 percent must be paid initially and the remainder by the eighth week of the semester. An installment service fee of \$29 is assessed with the first installment billing and a late payment fee of \$36 per month is assessed on past-due balances.

If a student's account is past due for a current semester, enrollment, University housing and other University services (such as the release of transcripts) are subject to suspension until the account is brought into current status. Payment of assessments for a current semester does not relieve the student of obligation for payment of any balance from a prior semester.

Program Adjustment Fee

Beginning with the start of classes, a program adjustment fee of \$11 per drop transaction will be assessed for each student-initiated program adjustment.

For final adjustment deadlines and coordinate fee schedules, see the Class Schedule Books or on the Web at www.emich.edu/controller/sbs.

No program adjustment fees will be assessed for changes required as a result of University actions.

Credit Adjustment for Total Withdrawal

A credit adjustment of 100 percent of tuition and fees for the fall and winter semesters, less the \$40 nonrefundable registration fee, will be made to those students who cancel their registration or withdraw from the University through the eighth class day. For the spring and summer sessions, a 100 percent credit adjustment, less the \$40 nonrefundable registration fee, will be made during the first four days of classes. Actual dates are printed in the class schedule book for each semester and session or on the Web.

A credit adjustment of 50 percent of tuition and fees for the fall and winter semesters, less the \$40 nonrefundable registration fee, will be made to those students who withdraw from the University (all classes) from the ninth through the 19th class day. For the spring and summer sessions, a 50 percent credit adjustment, less an administrative fee, will be made from the fifth through 10th class day of the session. Actual dates are printed in the class schedule for each semester and session.

A credit adjustment of 25 percent tuition and fees for the fall and winter semesters, less the \$40 nonrefundable registration fee, will be made to those students who withdraw from all classes between the 20th through the 38th class day. For the spring and summer sessions, a 25 percent credit adjustment, less an administrative fee, will be made from the 11th through 19th class day of the session. Actual dates are printed in the class schedule for each semester and session.

No credit adjustment will be made after the above stipulated dates.

Decrease in Academic Load

For the fall and winter semesters, 100-percent tuition credit, less an \$11 program adjustment fee, will be processed for those students who decrease their academic load through the eighth day of classes. For the spring and summer sessions, a 100 percent credit adjustment, less a \$11 program adjustment fee, will be made during the first four days of classes. Actual dates are printed in the class schedule for each semester and session.

No credit adjustments will be made after the above stipulated dates.

If a student feels that individual circumstances warrant exceptions from the credit adjustment or University withdrawal adjustment policy:

1. Obtain a Tuition Appeal Application from the Student Business Services in 201 Pierce Hall. Complete and return the application along with an explanation of the extraordinary circumstances involved and supporting documentation of those circumstances. An approval or denial will be issued in writing by return mail. If the application is denied:
2. Appeal in writing to the Director of Student Business Services at the address above. Be sure to include any additional pertinent information with your written appeal.

Tuition and fee appeal applications must be submitted as early in the semester as possible. Applications received later than 15 calendar days after the close of the semester may be denied.

The General Fee

EMU has the responsibility to maintain certain services and facilities on campus for the comfort and convenience of students, and to maintain academic accreditation. Examples are improvements to academic facilities, Snow Health Center, learning technology labs, athletic facilities, performing arts facilities and Student Government. These are funded through a general fee of \$21 per credit hour and assessed to all students. Not every supported service or facility is used by every student, but the overall good of the student body is served.

The Program Fee

Students in upper-level and graduate courses in certain areas of study will be charged program fees. A complete list of program fees can be found at www.emich.edu/controller/sbs.

Student Union Fee

A student union fee of \$3.00 per credit hour is charged to all students to service the debt on the new student union building.

The Technology Fee

Each student will be charged a technology fee of \$10 per credit hour to update the technology of the University. This fee applies to any on-campus, off-campus and online classes.

Service Fees

Room and board fees are published by the Housing Office and are set by action of the Board of Regents.

A \$90 graduation fee is charged to each student who makes application for graduation. It covers the cost of mailing of diplomas and other specific graduation items. The fee is assessed once for each degree and is non-refundable.

Parking your motor vehicle in University parking lots requires the proper parking permit. To purchase your parking permit, you must first register your motor vehicle with the Public Safety Department, located on the ground floor of the parking structure. The application will indicate whether the permit will be mailed to you or whether you must pick it up in person.

Motor vehicle rates:

Commuter Permits (per semester)

FA and WI	\$75
SP and SU	\$37.50

Resident Permits (per semester)

Apartment housing FA and WI	\$150
Apartment SP and SU	\$25
Residence Hall FA and WI	\$150
Residence Hall SP and SU	\$75
Brown-Munson FA and WI	\$100
Brown-Munson SP and SU	\$50
Graduate Assistant FA and WI	\$40
Graduate Assistant SP and SU	\$20

All students meeting the requirements of the law are eligible to operate and maintain motor vehicles on campus. Motor vehicles are required to be operated within the provisions of the traffic, parking and pedestrian ordinances of the University and the city of Ypsilanti.

Further details are available in the parking and traffic regulations brochure available from campus police. Permit cost is subject to change.

Special Fees

Music fees are charged for private lessons according to the following schedule:

Music majors: \$60 per semester (maximum) for all instruction.

Other University students: \$60 per semester for one-hour lesson, \$30 per semester for half-hour lesson.

For students from public schools, the community and EMU staff and families, lessons are available through the EMU Community Music School. Fees vary depending on the length of the lesson and the instructor. Call the Department of Music and Dance for details.

Lessons are arranged through the Department of Music and Dance.

The applied music fee is assessed to each student's account at the close of the program adjustment period. This fee is not refundable after the first lesson.

Student Expenses

Estimated Academic Year Costs

(Residence Hall and Commuter Students)

The following budget represents typical expenses for a freshman student, Michigan or Ohio resident, taking a total of 30 undergraduate credit hours during fall and winter semester, living in a University residence hall or off-campus apartment and attending the full academic year (fall and winter semesters).

Tuition and fees	\$7,590
Books and academic supplies	\$900
Residence hall room and board	\$7,220
Estimated additional costs of personal, transportation and miscellaneous expenses	\$1,880

Personal expenses include clothing allowance, medical/dental expenses, recreation, personal hygiene articles. Out-of-state students should allow for additional tuition and transportation costs.

Students can anticipate the following total costs: tuition and fees, books, room and board, personal and miscellaneous expenses and transportation for an eight-month academic year:

On-campus student \$17,590

Off-campus student \$17,590

Commuter student \$13,070

The above budgets are based on financial aid average costs for 2008-2009.

Extended Programs

Click on a link to be taken to the entry below.

- Mission Statement
- Off-Campus Locations
- EMU-Online
- Independent Learning
- Prior Learning Assessment
- One-Week Courses
- Professional Programs and Training
 - Centers for Corporate Training
 - Professional Education Center
- Academic Programs Abroad

Byron D. Bond, dean

102 Boone Hall

Phone: 734.487.0427

Fax: 734.487.2316

Dan Gaymer, associate dean

Address: 100 Boone Hall

Phone: 734.487.0407 or 800.777.3521

E-mail: extended.programs@emich.edu

Web site: www.ep.emich.edu

Extended Programs and Educational Outreach offers flexible, innovative and exciting credit courses and program options. Courses offered through Extended Programs and Educational Outreach are available at times and locations and in formats that are convenient for students balancing full- or part-time jobs, co-curricular activities and/or family responsibilities with their college education. Credit earned in Extended Programs and Educational Outreach courses and programs is regular University academic credit.

Each semester, Extended Programs and Educational Outreach publishes a course bulletin listing the courses available that semester. These bulletins are available at the Extended Programs and Educational Outreach Office in Boone Hall, online at www.ep.emich.edu and in display racks in various locations around the EMU campus. In addition, all EPEO course offerings are listed in the University's online class schedule at <http://insight.emich.edu/Students/ocsb/index.cfm>. Since some courses are scheduled after the EPEO course bulletin and the University class schedule are published, refer to the University's online class schedule for updates. As with all EMU courses, your academic adviser is the person best equipped to guide you and answer specific questions about which courses will meet the requirements of your program of study.

Mission Statement

It is the mission of Extended Programs and Educational Outreach to provide leadership in dissolving traditional campus boundaries through collaborative programs that complement and extend the educational, research and public service activities of the University, as understood in the context of our identity as a metropolitan and publicly engaged University. Extended Programs and Educational Outreach also engages individuals across their life span, from high school, through traditional University years, to adult working years, through individual professional development and educational/training programs for business, government and nonprofit agencies. We work to extend the reach and impact of the University not only to the State of Michigan but globally, recognizing that our students live and work in the context of a closely interconnected world.

The most important asset of any institution, corporation or business is the people that make things happen. With advanced

education and training, they become better positioned to meet the individual and collective challenges that lie ahead.

Eastern Michigan University Extended Programs and Educational Outreach is committed to helping meet these challenges. We offer flexible and innovative applied academic experiences in the State of Michigan, nationally and internationally.

Through EMU's Extended Programs and Educational Outreach units, it is now possible for individual adult students, businesses, and government and social agencies to access the tremendous resources of one of Michigan's leading universities. Using alternative formats and teaching technologies, we deliver education, applied research, training and consultation services. Ongoing research initiatives and collaborations ensure that our programs respond to changing needs in a changing environment.

Off-Campus Locations

Extended Programs and Educational Outreach offers full degree programs and certificates at convenient off-campus locations throughout Michigan. For a complete list of programs, contact the locations listed below or visit www.ep.emich.edu.

EMU-Brighton
2250 Genoa Business Park Dr., Suite 120
Brighton, MI 48114
Phone: 810.225.0361
E-mail: brighton@emich.edu

EMU-Detroit
Northwest Activities Center
18100 Meyers
Detroit, MI 48253
Phone: 313.342.2767
E-mail: detroit@emich.edu

EMU-Fish Lake
2816 Fish Lake Rd.
Lapeer, MI 48446
Phone: 810.667.2350
E-mail: fish.lake@emich.edu

EMU-Flint
1401 East Court Street, 1000 Mott Memorial Building
Mott Community College
Flint, MI 48503
Phone: 810.762.0303
E-mail: flint@emich.edu

EMU-Jackson
2111 Emmons Road, 127 McDivitt Hall
Jackson Community College
Jackson, MI 49201
Phone: 517.787.7265
E-mail: jackson@emich.edu

EMU-Livonia
38777 W. Six Mile Road, Suite 400
Livonia, MI 48152
Phone: 877.818.4368
E-mail: livonia@emich.edu

EMU-Monroe
1555 S. Raisinville Road, Life Sciences Building L 112
Monroe County Community College
Monroe, MI 48161
Phone: 734.384.6090
E-mail: monroe@emich.edu

EMU-Traverse City
NMC University Center
2200 Dendrinos Drive, Suite 200-M
Traverse City, MI 49684
Phone: 877.368.8289
E-mail: traverse.city@emich.edu

Washtenaw County
Eastern Michigan University
101 Boone Hall, Suite 200-P
Ypsilanti, MI 48197
Phone: 734.487.0407
E-mail: extended.programs@emich.edu

EMU-Online

Phone: 734.487.0407

E-mail:

When you're ready to learn, EMU is ready to teach. Online courses make it easy for you to learn around your schedule, in a location convenient for you. A wide range of courses are available online as an alternative to attending class on campus. They've been developed by EMU faculty and meet the same high standards as on-campus offerings. The course offerings and registration information are available at www.emuonline.edu.

Independent Learning

Phone: 734.487.0407

E-mail: emuonline@emich.edu

Satisfy general education requirements and earn college credits through self-paced instructional courses via EMU's Independent Learning program. You may register at any time, and you have up to six months to complete coursework. You'll receive instructional tapes, study guides and book lists to begin your lessons. Professors are available for consultation and to grade assignments that you send through regular mail or fax. There are proctored examinations for each course.

Prior Learning Assessment

Receive up to 30 hours for learning you've gained outside the classroom - including seminars, training completed on the job and knowledge acquired independently in a particular field. Through Prior Learning Assessment, you'll identify and analyze learning, document your experience, match the learning to EMU courses and compile a written portfolio to submit for evaluation. Credits earned through portfolio-assisted prior learning may be applied toward any degree for which they are appropriate. Students seeking credit for prior learning must attend a free required workshop.

One-Week Courses

Earn credit during EMU's winter break by taking a one-week course offered in northern Michigan.

EMU-Winter Break
Phone: 877.368.8289

E-mail: winter.break@emich.edu

Earn credit during the spring and summer by taking a one-week course offered on the campus of Northwestern Michigan College in Traverse City.

EMU-Traverse City

Phone: 877.368.8289

E-mail: traverse.city@emich.edu

Professional Programs and Training

Barbara L. Hopkins, director

Phone: 734.487.2259 or 800.932.8689

E-mail: bhopkins@emich.edu

Extended Programs and Educational Outreach's Professional Programs and Training offers programs and services for working individuals seeking professional development, ongoing educational opportunities, executive development, workshops and special events of interest to the EMU community and beyond. For a complete list of professional programs and training opportunities, visit www.ep.emich.edu/ppat.

Professional Certificates, Training and CEUs

Professional societies and organizations develop programs and award certificates to encourage members to update their knowledge and skills. The CEU (Continuing Education Unit) is a national standard of measurement to recognize participation in a wide range of organized non-credit educational activities (conferences, seminars, workshops, etc.) in all fields. Opportunities for CEUs, certificates and training include:

- Michigan State Board - Continuing Education Units (SB-CEUs)
- Certified Financial Planning
- Certificate in Information Security Systems
- SHRM Human Resource courses and certificates
- American Payroll Association courses
- Specialist Certificates in Occupational Health and Safety
- Specialist Certificates in Quality Management
- Six Sigma Green and Black Belt certification
- Online test preparation workshops

Centers for Corporate Training

- Center for Quality
- Center for Organizational Risk Reduction
- OSHA Training Institute

Web sites: www.centerforquality.org and www.emuosh.org

The Centers for Corporate Training are nationally known for designing and providing a wide range of training, technical assistance and consulting services for hundreds of companies each year in health, safety, security and quality. Our clients include automotive and non-automotive manufacturers and their suppliers, plastics and electronics producers, the construction industry, healthcare providers and government agencies.

Each of the centers works, in its own way, to help individuals and organizations reach and maintain excellence. We are dedicated to helping companies not only survive but prosper during rapid organizational, technological and economic change. We meet our customers where they are, providing on-site instruction and facilitation to help create efficiencies and help them become more

effective for their customers.

By developing customized programs, innovative training and effective, practical consulting, the centers support organizations as they improve the quality of their products, the productivity of their processes and the safety of their workplaces. Our partners are workers, supervisors, managers and executives who will create and succeed in the global marketplace.

The Centers for Corporate Training have served thousands of people in hundreds of companies in North America, Asia, Europe and South America, providing innovative education and training programs around the globe.

The Professional Education Center

Web site: www.emich.edu/public/cob/pec/index.htm

Today's business challenges require organizations to provide equally innovative and applied training and development programs. The Professional Education Center (PEC) in the College of Business at Eastern Michigan University provides customized technical and leadership training programs to help businesses and individuals meet challenges and build technical and leadership skills. Students benefit from training and professional coaching from EMU's world-class College of Business and external instructors and consultants.

The PEC tailors training programs to meet your unique organizational challenges bringing innovative and applied programs to the workplace. We can bring to your organization programs to enhance management and business skills and to support leader development including:

- Management Certificate Program – Developing the Leader in You Workshop series
- Emotional Intelligence and Leadership
- Business Skills – Finance, Marketing, Statistics, Business Communication
- Project Management – Introduction and Certificate Programs
- Biz World 101- for new business professionals

Academic Programs Abroad

George Klein, director

Address: 103 Boone Hall

Phone: 734.487.2424 or 800.777.3541

Fax: 734.487.4377

E-mail: programs.abroad@emich.edu

Web site: www.emich.edu/abroad

In today's interconnected world, a global perspective is increasingly important and valuable for all students. The Office of Academic Programs Abroad provides opportunities for EMU students to internationalize, diversify and enrich their University education through a variety of study abroad programs, including winter break, spring and summer, intensive language immersion, and exchanges and other semester and academic year opportunities. Some programs offer graduate credit.

Abroad Student Services

The Office of Academic Programs Abroad provides EMU students with:

- Comprehensive study abroad advising
- Study Abroad Orientation
- Health and safety information
- International student identity cards
- International health insurance

- Financial aid coordination and scholarship advice
- Innovative and affordable study abroad programs

In addition to EMU programs, the Office of Academic Programs Abroad maintains a library of information on hundreds of study abroad programs sponsored by universities all over the world. Students may browse the library and make appointments for advising Monday through Friday throughout the school year. Information on EMU programs abroad can be found at www.emich.edu/abroad.

Winter Break Programs

EMU students earn credit while studying abroad with EMU faculty during the break from campus. Classes are scheduled midway through the winter semester. Recent programs include:

- Art in Mexico
- Hospitality Management in London and Paris
- British Studies in London
- Power, Place and Image in Florence and Rome
- Art and History in Prague and Munich

Spring and Summer Programs

- The Cultural History Tours are unique travel-study programs that visit multiple countries throughout Europe and Asia. Five- and 10-week programs are offered. Students and professors study major historic and cultural sites while pursuing in-depth academic work in an interdisciplinary context. Since their beginnings in 1974, the Cultural History Tours have become a leader in innovative travel-study abroad, drawing students from EMU as well as other colleges and universities. The Emanuel Fenz Endowed Fund provides a competitive scholarship available to EMU students with financial need, applicable to either the Cultural History Tours or Adventures Abroad programs.
- Adventures Abroad Programs are short-term, low-cost travel-study tours that offer EMU students the opportunity to travel with EMU faculty to Europe or the Mediterranean while earning three credits in literature, art or another discipline. The Adventures Abroad program is a short-term module embedded within the longer Cultural History Tours. Students with financial need may apply for the Emanuel Fenz Scholarship applicable to this program.
- EMU students may choose from a variety of spring and summer travel and residence programs that carry credit in such fields as art, biology, business, community practice, education, history and political science. EMU faculty-led programs include such destinations as Ecuador and the Galápagos Islands, Mexico and the Americas, Europe and Asia. Several spring and summer programs are three weeks or less and designed to be especially affordable for EMU students.

Summer Intensive Language Programs

Intensive French, Spanish, German and Japanese language programs are available in France, Mexico, Spain, Germany and Japan, respectively, in settings of cultural immersion. Faculty coordinate additional instruction and provide supervision and cultural exercises. All levels of instruction are available. These programs are offered in cooperation with the Department of World Religions.

Semester/Year Exchange Programs

Eastern Michigan University students may attend one of our Exchange Partner schools for one or two semesters for a cost equivalent to that of Eastern Michigan University. Students pay for EMU tuition and fees, plus a modest program fee. The courses taken appear on the EMU transcript as EMU courses. Students may select courses to count towards a major, minor, general education or elective credit.

- United Kingdom exchanges include University of Derby, England, and Oxford-Brookes University, England.
- Other exchange programs include:
 - University of Groningen, Netherlands (English-language courses offered)

- ESIDEC - Metz, France
- Karlsruhe University, Germany
- Reutlingen University of Applied Sciences, Germany
- Kansai Gaidai University, Japan
- Business majors at EMU may participate in the Regional Area Mobility Program (RAMP) during fall and winter semesters. Courses are taught in the language of the host institution: Spanish at Mexican Universities; English or French at Canadian Universities. Proficiency in the relevant language is required.
- The Japan Center for Michigan Universities (JCMU) in Hikone, Japan, offers Japanese Language and Culture courses open to all majors; no prior knowledge of Japanese is required.
- Affiliated programs include Curtin University of Technology, Australia, and Université Catholique de l'Ouest, France.

Policies

Click on a link to be taken to the entry below.

- Undergraduate Policy on Probation/Dismissal/Readmission
- Notification of Student Rights under FERPA
- Applicable Laws for Americans with Disabilities
- Residence Hall Eligibility Policy
- EMU Policy on Sexual Harassment
- Grade Grievance Procedure for the EMU Community
- Class Attendance Policy Works for You
- Student Involuntary Administrative Withdrawal
- Student Conduct Code and University Disciplinary Process
 - Section I: Purpose
 - Section II: Responsibility for Implementation
 - Section III: Jurisdiction
 - Section IV: Definitions
 - Section V: Violations
 - Section VI: Sanctions for Misconduct
 - Section VII: Organization of the University Judicial System
 - Section VIII: Rights of Charged Student(s)/Student Organizations in Disciplinary Proceedings
 - Section IX: University Disciplinary Procedures
 - Section X: Special Disciplinary Provisions Governing Acts of Academic Dishonesty
 - Section XI: Special Provisions Governing the University Recognition and Conduct of Greek Letter Social Organizations
 - Section XII: Interim Suspensions and Other Interim Sanctions
 - Section XIII: Emergency Powers of the President
 - Section XIV: Student Disciplinary Files and Records
 - Section XV: Review of the Student Judicial System
- University Alcohol and Other Drug Policy
- EMU Policy on Notification to Parents of Drug and Alcohol Violations
- Tobacco Use Policy
- Acceptable Use of Information Technology Resources

In this section you will find the FERPA law, the Student Code of Conduct, the EMU Alcohol and Other Drug Policy, the Tobacco Use Policy, the Student Involuntary Administrative Withdrawal Policy, the Grade Grievance Procedures, Class Attendance Policy, the EMU Policy on Sexual Harassment and the Residence Hall Eligibility Policy.

These policies will not only serve as an important reference during your University experience, but they will also help you as a student to make informed choices.

Undergraduate Policy on Probation/Dismissal/Readmission

If, at the end of any term of enrollment, an undergraduate's cumulative grade point average (GPA) falls below 2.0, having previously been at or above 2.0 (or if new to the University), that student will be placed on academic probation (PRB1). The student will then have three terms of enrollment (spring/summer count as one) to raise the cumulative GPA to 2.0 or higher. At any time that the student's cumulative GPA reaches 2.0, the student will be restored to good academic standing (GOOD). Unless the cumulative GPA has been raised to 2.0 by the end of the third term of probation (PRB3), the student will be subject to academic dismissal.

Exceptions to this policy are as follows:

1. Any student whose first term of probation is the result of a semester of all Es must earn better than 0.0 (all Es) in the first term of probation or face dismissal immediately.
2. Students who have been readmitted (READ is equivalent to PRB1) after a dismissal will be placed on PRB2 after their first term, if their cumulative GPA remains below 2.0. They will have two terms to raise their cumulative GPA average to 2.0 or they will face a second and final dismissal.
3. All initial dismissal actions are subject to appeal. Procedures and deadlines for such appeals will be included in notices of academic dismissal, sent to students at the conclusion of a term of enrollment. If an appeal is successful, the student will be reinstated, which means the dismissal does not count. Students who are reinstated after an appeal will be given one more term to raise the GPA to 2.0 or they will be dismissed.

Students dismissed from the University for the first time must remain away from Eastern Michigan University for one calendar year. They can then apply for readmission through the Academic Advising Center. Procedures and deadlines for readmission are available in the Academic Advising Center (301 Pierce Hall); contact the Assistant Director for Academic Actions. Students dismissed more than once (excluding reinstatement) are usually not eligible to return to the University. On occasion, when students have been away from the University for at least 10 years, a request may be submitted, through the Assistant Director for Academic Actions, to the Academic Standards Committee, who will make the final decision in such a case.

While remaining out of the University due to a dismissal, students may choose to attend another institution. Certain rules apply to course work taken elsewhere. Refer to the repeat policy in the catalog and consult with Academic Records on transfer of courses.

While on academic probation, a student may meet with the Assistant Director for Academic Actions or any adviser in the Academic Advising Center. In addition, students may seek help in developing successful strategies for academic performance through the Holman Learning Center, the Counseling Services Center and the Career Services Center.

Notification of Student Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. **The right to inspect and review the student's education records within 45 days of the day EMU receives a request for access.**
2. Students should submit to Eastern Michigan University's Office of Records and Registration written requests that identify the record(s) they wish to inspect. A University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
3. **The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.**
Students may ask the University to amend a record that they believe is inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed and specify why it is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

4. **The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent.**
One exception which permits disclosure without consent is disclosure to school officials with legitimate education interests. A school official is a person employed by EMU in an administrative, supervisory, academic, research or support staff position (including law enforcement unit personnel and health staff); a person or company with whom EMU has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Regents; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll. The University may, without the student's permission, release certain information to parents or guardians of students under the age of 21 found responsible for violating any law, rule or University policy pertaining to drugs or alcohol.

EMU has designated the following items as directory information and these items may be included in publications or disclosed upon request without consent: the student's name; address; telephone listing; electronic-mail address; date and place of birth; major field of study; participation in recognized activities and sports; weight and height of members of athletic teams; dates of attendance; degrees and awards received (including, but not limited to, the Dean's List); and the most recent previous educational agency or institution attended by the student.

EMU reserves the right to make directory information public unless a student's written objection (specifying the category of information not to be made public without prior consent) is filed at the Office of Records and Registration within 14 days after each term begins.

Students who do not want to be included in the annual EMU Student Directory should either complete a directory exclusion card or request directory exclusion through the touch tone registration system (734.487.3309) by Sept. 15. Cards can be picked up from University Publications, Campus Life, Office of Records and Registration, Academic Advising Center, Office of Admissions or a residence hall information desk. They must be turned in by September 15 to Public Information, 18 Welch Hall. Requesting directory exclusion will remove your name, address and phone number from the current and subsequent telephone directories.

5. **The right to file a complaint with the U.S. Department of Education concerning alleged failures by EMU to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:**
Family Policy Compliance Office
U.S. Department of Education
400 Maryland Ave. SW
Washington, D.C. 20202-4605

Applicable Laws for Americans with Disabilities

1973 Vocational Rehabilitation Act, Section 504

Colleges and universities nationwide have been protecting the rights of students with disabilities since the 1973 Vocational Rehabilitation Act, specifically Section 504, which states:

No otherwise qualified handicapped individual in the United States shall, solely by reason of handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance.

Americans with Disabilities Act (ADA)

Unlike Section 504 of the Rehabilitation Act, the ADA applies to employers, public services, public accommodations, communication providers and transportation providers regardless of whether they receive or benefit from federal funding.

The ADA defines a person with a disability to mean a person who: (1) has a physical or mental impairment that substantially limits one or more major life activities; (2) has a record of such an impairment; or (3) is regarded as having such an impairment.

The ADA provides coverage in five different areas:

Employment
Public services/transportation
Public accommodations/transportation
Telecommunications
Miscellaneous

Residence Hall Eligibility Policy

Policy Statement

All first year unmarried students shall be required to live in University residence halls, contingent on space availability. Sophomore students may be required to live on campus as well, space permitting. Exceptions may be granted to students who are:

- a. commuting from the permanent home of their parents/guardian;
- b. 21 years of age or older; or
- c. veterans who have served on active duty.

All students living in University residence halls assume responsibility for their own hours.

University Practice

Occupancy in a University residence hall is restricted to currently enrolled students at Eastern Michigan University. Occupants other than currently enrolled Eastern students are allowed on an exception basis. However, priority will be maintained for current Eastern students. Each resident is required to make application and sign a contract for the appropriate term. As such, the resident agrees to make the designated prepayment and agrees to the payment of fees as established for the term(s) of occupancy according to the current payment schedule. Additionally, the residents are responsible for compliance with all terms and conditions set forth in the contract and the Residence Hall Handbook.

Responsibility for Implementation

Housing management staff is responsible for implementing this policy and for granting waivers in a fair and consistent manner within policy guidelines.

Scope of Policy Coverage

This policy shall apply to first year and sophomore students.

EMU Policy on Sexual Harassment

The University's Mission Statement and accompanying Institutional Values and Guiding Principles reflect our collective commitment to providing an environment that positively affects the lives of all individuals who are part of the EMU community. The University's Sexual Harassment Policy affirms our shared values and responsibility to respect all individuals, and prohibits any member of the University community from engaging in sexual harassment activities that demean or diminish an individual in any way. Such activity is prohibited by law and by this policy. The rights and responsibilities inherent in this policy apply to all employees, students, guests and outside contractors. One of the strengths of Eastern Michigan University is that we value and

respect human dignity and the rights of all people. Each of us shares the responsibility for ensuring that sexual harassment will not be tolerated and that we strictly adhere to the tenets of this policy. Copies of the policy and procedures are posted on the web sites of the Office of Diversity and Affirmative Action, the Office of Judicial Services, Human Resources and the Office of the Assistant Vice President for Academic Affairs.

Policy on Sexual Harassment

It is the policy of Eastern Michigan University to provide an educational, employment and business environment free of unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct or communications constituting sexual harassment, as defined and otherwise prohibited by state and federal statutes.

Prohibited Acts

No member of the University community shall engage in sexual harassment. Persons who engage in sexual harassment are subject to disciplinary action, up to and including dismissal for employees and/or suspension or dismissal for students. Sexual harassment is defined as unwelcome advances, requests for sexual favors or other behavior of a sexual nature when:

- Submission to such conduct is made explicitly or implicitly a term or condition of an individual's employment or status in a course, program or activity.
- Submission to, or rejection of, such conduct is used as a basis for a decision affecting an individual's employment or participation in a course, program or activity.
- Such conduct has the purpose or effect of unreasonably interfering with an individual's work or performance in a course, program or activity, or of creating an intimidating, hostile or offensive environment in which one engages in employment, a course, a program or an activity.

Confidentiality

To the extent permitted by law, the confidentiality of each party involved in a sexual harassment investigation, complaint or charge will be observed, provided it does not interfere with the University's ability to investigate the allegations or take corrective action.

Examples of Sexual Harassment

- Physical assault
- Threats or insinuations which cause the victim to believe that sexual submission or rejection will affect his/her reputation, education, employment, advancement, or any conditions which concern the victim's standing at the University.
- Direct propositions of a sexual nature
- Subtle pressure for sexual activity, an element of which may be conduct such as unwelcome sexual leering
- Conduct (not legitimately related to the subject matter of the work, course, program, or activity in which one is involved) intending to or having the effect of discomforting and/or humiliating a reasonable person at whom the conduct is directed. This may include, but is not limited to, comments of a sexual nature or sexually explicit statements, questions, jokes or anecdotes, and unnecessary touching, patting, hugging or brushing against a person's body. Depending upon the circumstances, any of the above types of conduct may be sexual harassment and subject to disciplinary action, even if that conduct only occurs once.

Consensual Sexual Relationships:

Professor and student:

The ideal professor demonstrates respect for students as individuals and serves as students' mentor, intellectual guide and model of honest academic conduct. The professor acts to ensure academic evaluations of students that reflect each student's true merit. He or she respects the confidential nature of the relationship between professor and student and avoids all forms of exploitation, harassment and discriminatory treatment of students.

Sexual relations (which includes contact of a sexual nature) or requests for sexual relations between students and faculty members with whom they also have a current instructional or evaluative relationship are fraught with the potential for exploitation and must be avoided, and are prohibited. The respect and trust accorded a professor by a student, as well as the power exercised by the professor in an instructional or evaluative role, make voluntary consent by the student suspect. In their relationships with students, members of the faculty are expected to be aware of their professional responsibilities and to avoid apparent or actual conflict of interest, favoritism or bias.

Seeking Assistance for Filing a Complaint

Students, faculty and staff who believe they are the victims of sexual harassment may seek information and assistance from the Office of Student Judicial Services (204 King Hall), Jennifer Schraze, director, 734.487.2157, or the Diversity and Affirmative Action Office (11 Welch Hall), 734.487.1166. If the student, faculty member or staff member wishes to file a complaint, she/he may take the following action(s):

- If the alleged harasser is a staff or faculty member, the affected individual(s) may contact the Diversity and Affirmative Action Office (11 Welch Hall).
- If the alleged harasser is a student, the affected individual(s) may contact the Office of Student Judicial Services (204 King Hall).

Note: EMU has the obligation to investigate all complaints of sexual harassment.

Seeking Assistance Outside of the University

Persons who believe they are the victims of sexual harassment may also seek assistance from: the Equal Employment Opportunity Commission, or the Michigan Department of Civil Rights.

Awareness

Members of the University community are responsible for knowing and understanding the University's policy prohibiting sexual harassment. Students who do not understand the policy should contact the Office of Student Judicial Services at 487.2157. Faculty and staff who do not understand the policy should contact their department head or director. Department heads or directors who need assistance in understanding, interpreting or applying the policy should contact the Diversity and Affirmative Action Office at 487.1166. Persons who make false allegations subject themselves to the possibility of disciplinary action.

If You Are Accused of Sexual Harassment

You will have an opportunity to hear and respond to the charges brought against you. All situations are treated as confidential matters to the extent permitted by law. Judgments are not made nor action taken until the investigation is complete. Employees represented by collective bargaining agents may enlist assistance from their union as necessary.

Grade Grievance Procedure for the EMU Community

Timeline for Steps in the Grade Grievance Procedure

(This timeline is derived from appropriate sections in the Grade Grievance Procedure. The page number from which it is taken is underlined in parentheses following each item.)

Step I

- The student must contact the instructor within ten (10) working days after the start of the following semester: i.e., the semester following the one in which the disputed grade was given.

Step II

- A written grievance must be filed within twenty (20) working days after the start of the next semester following the one in which the disputed grade was given.
- Within ten (10) working days after receipt of the written grievance, the department head must schedule a hearing before the Department/College Grievance Committee.
- The Committee hearing shall be open unless the student or instructor requests a closed hearing. This request should be conveyed in writing to the department head prior to the hearing (After the hearing) The committee will meet in executive session and will present its findings, in writing, to the department head within ten (10) working days.
- The department head will forward the committee's written decision to the student and the instructor within five (5) working days of this committee's decision/recommendation.

Step III

- Either the instructor or the student grievant may submit a written appeal of the prior decision at Step II by the Department/College Grade Grievance Committee within ten (10) working days of written receipt of that decision, if at least one of three conditions is met:
 1. The Office of the Provost determines that there is evidence that established procedures for Step II were violated; or
 2. There was at least one dissenting vote at the Step II level; or
 3. New evidence or new witnesses not previously considered or heard at Step II become available.
- Within twenty (20) working days of the receipt of the appeal, the University Grade Grievance Committee shall issue a written Step III decision to both the instructor and the student.

A. Introduction

The Grade Grievance Procedure provides each student with the opportunity to appeal formally a final grade in a course because he or she believes that the grade has been awarded capriciously or unfairly. Capricious or unfair-grading may include but is not limited to the assignment of a course grade to a student: (1) on some basis other than relevant performance in the course; (2) by resorting to standards different from those which were applied to other students in that course; or (3) by an unreasonable and/or unannounced substantial departure from the instructor's previously articulated standards.

This procedure is not intended to handle disputes that may arise about the grading of individual exams or assignments during the semester. When such disputes arise, the student should contact the instructor immediately, rather, than waiting until the end of the semester. Class action grievances by one student on behalf of several students or an entire class are not permitted.

B. Step I

If a student wishes to appeal a final grade, the student must contact the instructor within ten (10) working days after the start of the following semester: i.e., the semester following the one in which the disputed grade was given (see General Notes #3, p. 9, for the spring-summer policy). If the instructor is teaching on campus the next semester, but is temporally unavailable or simply cannot be reached during this ten-day period, then the student should deliver a written request for an appointment with him/her, stating the reason, to the department head no later than the ten (10) day period. With the aid of the department head in scheduling an appointment, the instructor and the student must then meet as soon as possible and discuss the disputed grade privately. In the event that the department head has difficulty in assisting the student in scheduling the appointment, a detailed written record of communication or attempts to communicate between the department head and the instructor will be maintained by the department

head. Whenever possible, conflicts over grades should be resolved informally between the instructor and the student as a result of this Step I discussion.

If the instructor has left the University permanently, or is not available for a period of sixty (60) days or more (e.g., if the instructor is away on a sabbatical leave, medical leave; or in his/her "off semester" on a Plan C appointment), then the department head shall act on his/her behalf and make a decision either in support of or against the grievance. In making this decision, the department head shall review all available grade records, discuss the matter with the student, and with written consent of the student, request and evaluate within ten (10) working days a written statement by the instructor concerning the disputed grade, when possible. The department head cannot act in this manner on behalf of the instructor during the spring-summer period because the instructor is not teaching during either the spring or summer session, unless the disputed grade affects the student's plans to graduate that year.

C. Step II

If the grade dispute is not resolved in Step I to the student's satisfaction and he or she still believes that the grievance has merit based on facts of the case, the student has the right to file a formal written grievance with the department head. In the written grievance, the student must indicate whether he/she requests that the case be heard by a Departmental or College Grade Grievance Committee. The department head will forward the written grievance immediately to the chairperson of the appropriate (Department or College) Grade Grievance Committee.

Guidelines for filing a formal grievance are as follows:

1. A grievance must be based on evidence that the instructor has been capricious and/or unfair in awarding a grade. The written grievance must describe specifically the perceived capricious or unfair action of the instructor. The student also should present all other evidence or documentation in support of his or her allegations. Disagreement with an instructor's judgment in and of itself is not a basis for a grievance, nor is disagreement with an instructor's grading standards, if such standards have been described in advance for the class, and have been applied fairly to all students in the class.
2. A written grievance must be filed within twenty (20) working days after the start of the next semester following the one in which the disputed grade was given.

Within ten (10) working days after receipt of the written grievance, the department head in consultation with the chairperson of the Department/College Grade Grievance Committee will schedule a hearing before the Committee. The department head cannot simply make a personal judgment that the grievance is without merit, and thus refuse to give it to the Department/College Grade Grievance Committee. However, after scheduling the hearing, the department head may request a closed three-person meeting in his/her office with just the instructor and the student, to discuss informally the disputed grade one final time. If either the instructor or the student refuses to attend such a meeting, the department head cannot require his/her attendance, and the grievance is then held as previously scheduled. If a closed meeting is held, the department head shall act only as a facilitator or a mediator. His/her role is restricted solely to promoting further discussion, not to imposing his/her judgment and/or making a decision in the case. If the dispute is resolved in this meeting, the written grievance shall be withdrawn and the scheduled hearing canceled. The student will provide written verification of withdrawal of the grievance to the instructor and department head at the conclusion of the meeting. If the dispute is not resolved, the grievance is then held as previously scheduled. In such cases, the department head shall not communicate his/her opinions/judgments regarding the grievance and/or the discussion at the closed meeting to the members of the Department/College Grade Grievance Committee.

The Department Grade Grievance Committee shall be composed of three (3) faculty members and two (2) students. The faculty members shall be selected by appropriate department procedures. In undergraduate student grievances, the student representatives shall be selected from the list of representatives designated annually (no later than October 15 each year) by Student Government for each department in that particular college. In graduate student grievances, the student committee members must be graduate students. The graduate student representatives will be selected from the list of representatives designated annually (no later than October 15) by the Graduate School for each department in that particular college.

The College Grade Grievance Committee shall be composed of three (3) faculty members and two (2) students. One faculty person and one student must be from the department from which the grievance originated. The other faculty and student representatives must be from different departments within the college. The dean of the college in which the grievance originates

will select the appropriate faculty and student representatives to serve on a particular grievance committee from the approved designated lists. The faculty approved to serve on the committee shall be designated by the College Council from a list of faculty submitted by each department by October 15 each year. In undergraduate student grievances, the student representatives shall be selected from the list of representatives designated annually (no later than October 15 each year) by Student Government for each department in that particular college. In graduate student grievances, the student committee members must be graduate students. The graduate student representatives will be selected from the list of representatives designated annually (no later than October 15) by the Graduate School for each department in that particular college.

The student grievant may, however, request in advance of the hearing in writing that the two (2) students be excused and that his or her grievance be heard only by three (3) faculty members.

This option applies regardless of whether the grievance is being heard by the Department or College Grade Grievance Committee. The committee shall conduct a hearing according to the following guidelines:

1. Prior to the hearing, any written information in support of either the student or the instructor shall be distributed to committee members by the department head. In addition, both the student grievant and the instructor shall be provided with copies of these same written materials. All available written information shall be presented at this time.
2. A detailed record shall be kept of the hearing, preferably a taped sound recording. If a written record is kept, that record shall be signed by the Grievance Committee asserting that the written record is a true record of the hearing proceedings.

Written or recorded records of any Step II grievance shall be kept on file in the college dean's office and copies shall be provided, upon request, to the student who has filed the grade grievance or the faculty member against whom the grievance was filed. Costs associated with duplicating grade grievance records shall be borne by the individual(s) requesting copies.

3. The hearing shall be open unless the student or instructor requests a closed hearing. This request should be conveyed in writing to the department head prior to the hearing.
4. Both the student and instructor shall be permitted an adviser at the hearing. Advisers must be members of the University community, i.e., students in good standing or full-time faculty or staff members.
5. The Department/College Grade Grievance chair shall begin the hearing by beginning the tape recorder (or announcing the name of the person who will be taking minutes) and reviewing the guidelines and procedures under which the hearing shall be conducted.

The committee chair will then announce, "This Step Level II Grade Grievance Hearing is being held on (date). (Name of student) is grieving the grade of (grade) received during the (semester) in (class prefix, number, and section identification number) taught by (instructor). The following committee members are in attendance today: (members give their names)."

6. In order, the student and the instructor will present their cases. Both the student and the instructor may call witnesses, and the student, instructor, adviser(s), and committee members all have the right to question any witnesses that are called. The student and the instructor should be asked for brief closing statements.
7. The chair will then close the hearing with, "This Step Level II Grade Grievance Hearing is now concluded." The committee will meet in executive session and will present its findings, in writing, to the department head within ten (10) working days. The written decision/recommendations- will be signed by the members of the committee. The department head will forward the committee's written decision to the student and the instructor within five (5) working days of this committee's decision/recommendation.
8. If determined through the grievance process that a student's grade is to be changed, the following process will be used:
 - a. The Chair of the grade grievance committee will forward the committee's recommendation for the change of grade to the faculty member, Department Head and the student (grievant).
 - b. The faculty member shall have ten (10) working days from the issuance of the committee's recommendation to file a grade change or respond otherwise to the committee.
 - c. If the faculty member fails to change the grade or appeal the decision within the allotted time or notifies the committee of his/her intent not to comply with the recommendation to do so, the department head will file the grade change form in accordance with the committee's recommendation.
 - d. The student, faculty member, Department Head, and Grievance Committee Chairperson will receive copies of the completed grade change form.

9. Either the student or the instructor may appeal the decision/recommendations of the Department/College Grade Grievance Committee to the University Grade Grievance Committee under the conditions listed below. This appeal must be filed within ten (10) working days of receipt of the decision.

D. Step III

Either the instructor or the student grievant may submit a written appeal of the decision at Step II by the Department/College Grade Grievance Committee within ten (10) working days of written receipt of that decision, if one of the following conditions is met:

1. The Office of the Provost determines that there is evidence that established procedures for Step II were violated; or
2. There was at least one dissenting vote at the Step II level; or
3. New evidence or new witnesses not previously considered or heard at Step II become available.

In the absence of 1, 2, or 3 above, simple disagreement with the decision rendered at Step II is not sufficient basis for an appeal. In other words, there is no automatic right of appeal in every case requiring that the University Grade Grievance Committee reconsider the entire grievance case. If the appeal is based on new evidence or new witnesses, the written appeal statement must explain precisely how this evidence or testimony relates directly to the alleged unfair or capricious awarding of the disputed grade. If said evidence or witnesses had been available prior to the Step II hearing, the hearing shall be remanded back to the Step- II departmental committee. Only newly discovered evidence and/or witnesses may be introduced at the Step- III hearing level (it shall be the responsibility of the petitioner to demonstrate that the evidence and/or witnesses were not available at Step II).

The appeal shall be submitted to the provost or his/her designee with a copy to the dean of the appropriate college. The University Grade Grievance Committee shall be chaired by the provost or his/her designee and shall have the following additional members: the dean of the involved college or his/her designee; two (2) faculty members, one of whom is from the involved college, but not from the department in which the grievance originated; and one (1) student appointed by Student Government (in the case of undergraduate grievance) or by the Graduate School (in the case of graduate grievances). The two faculty members shall be selected by the provost or his/her designee from an available pool of nominees representing all colleges.

The University Grade Grievance Committee shall review all written documents that were available to the Department/College Grade Grievance Committee, the written or taped recording of the Step II hearing, and the final report and decision of the Step II Committee. The University Grade Grievance Committee may reconvene the participants in the Step II hearing to answer questions, if desired.

Within twenty (20) working days of the receipt of the appeal, the University Grade Grievance Committee shall issue a written Step III decision to both the instructor and the student. This decision shall be final; no further appeal is possible.

E. Records

When the Grade Grievance Procedure results in an instructor's grade being changed without his or her agreement, then all University records containing that grade in which the name of the instructor appears shall be identified by an asterisk (*). On these records, the asterisk will be footnoted with the following statement: "This grade is a result of an appeal procedure." On those records in which the instructor's name does not appear, the grade will not be asterisked, nor will there be any other indication that the original grade was changed.

F. General Notes

1. The time limits/deadlines for submitting grievances/appeals, holding meetings, making decisions are to be followed by all parties. However, extensions of the limits may be requested in writing by any of the involved parties. Such requests must originate prior to the expiration of the stated time limit. The dean of the involved college will make the decision to approve or to deny each request for a time limit extension at Step I or Step II. Decisions regarding Step III time limit extensions will be made by the Office of the Provost.

2. For Department Grade Grievance Committees, each academic department shall select the faculty members for the Department Grade Grievance Committee annually by October 15. The committee will hear all Step II grade grievances during the next twelve months in cases where the student requests the hearing at the departmental level. Substitute members shall be selected to replace any committee member who is personally involved in a grade grievance. Also, substitute members shall be selected to replace any faculty member who is unavailable for an extended period of time (e.g., spring and/or summer). For College Grade Grievance Committees, annually by October 15, each academic department shall select faculty members to serve on the College Grade Grievance Committee (at least one person to serve as a regular member of the Committee and one as an alternate). The Committee will hear all Step II grade grievances during the next twelve months in cases where the student requests the hearing at the college level. Substitute members shall be selected to replace any committee member who is personally involved or has a conflict of interest in a grade grievance. Also, substitute members shall be selected to replace any faculty committee member who is unavailable for an extended period of time (e.g., spring and/or summer, sabbatical, etc.).
3. Each college shall select two (2) faculty members plus one (1) alternate who are available during a twelve-month period for assignment to the Step III University Grade Grievance Committee. These selections shall be made by the appropriate college-level faculty advisory council/committee at the beginning of the academic year (by October 15). Unlike the Department/College Grade Grievance Committee, this Step III University Grade Grievance Committee may, of necessity, have a different membership for each grievance.

Grievances relating to grades awarded for the winter semester ending in April or for the Spring term ending in June shall normally be pursued the next fall, measuring all stated deadlines with respect to the start of the fall semester in September. However, if the instructor is teaching on campus during the spring or summer session and the student is enrolled on campus during the same session, then with their mutual agreement, the grievance can be pursued during the spring or summer. However, should either the instructor or the student prefer to wait, then action of the grievance will be postponed until the fall semester. The only exception in which the grievance shall be pursued during the spring or summer session without the consent of the instructor who is teaching on campus is for any case in which the disputed grade affects the student's plans to graduate that year. In such cases, if the instructor is unwilling to participate, the department head may act on his/her behalf.

4. Throughout this procedure, the title "department head" shall be interpreted to include program directors or program coordinators for appropriate academic units in which there is no administrator with the title of "department head."

Class Attendance Policy Works for You

Students

Regular class attendance and active participation in classes are important elements in the learning process. Students are at the University primarily for the sake of their intellectual growth and development. Attendance and participation provide appropriate opportunities for the evaluation of the student's progress.

Each student is personally responsible for the satisfactory completion of the course work prescribed by his/her instructors. This means specifically that he/she is expected to attend classes regularly, and that he/she is responsible for the work assigned in class, the material covered in class and for participation in class activities (including discussion and listening) designed by the instructor as part of the learning experience. However, physical attendance shall not be the sole criterion for determining the student's course grade.

Faculty

Faculty members should notify their department heads when they are going to be absent from regularly scheduled classes. Written notification of circumstances causing prolonged absences should be sent to the dean of the college. Faculty members are expected to arrange, through their department head, for a qualified substitute when they are absent from class.

Cancellation

Classes may be cancelled by the Office of the President through the Office of the Vice President for Academic Affairs. Off-campus classes are cancelled only by the dean of Extended Programs and Educational Outreach.

Changes

Faculty may not change the time or room of a class printed in the University class schedule unless the change is approved by the department head and the dean of the college.

At the End of the Semester

Classes are taught through the last teaching day of the semester as indicated in the University calendar.

Near Holidays

Students are expected to attend all classes, and faculty members are not permitted to cancel classes or excuse students prior to any holiday.

Student Involuntary Administrative Withdrawal

It is the policy of Eastern Michigan University to establish a Student Involuntary Administrative Withdrawal Policy for the purpose of maintaining a campus environment that is conducive to learning, protects the university's educational purposes, maintains reasonable order on campus, and protects the rights and safety of all members of the university community. The University may order the involuntary withdrawal of a student from the University or from University Housing in accordance with University policy, as described in the full text of this policy.

Standards for Withdrawal

In accordance with university policy, and applicable federal and state laws prohibiting discrimination based on disability, a student may be involuntarily withdrawn from the University and/or University Housing, either temporarily or permanently, if it is determined that a student suffers from a mental disorder as defined by the current American Psychiatric Association Diagnostic and Statistical Manual, and as a result of the disorder:

- Engages, or threatens to engage, in behavior which poses a danger of causing physical harm to self or others, and/or
- Engages, or threatens to engage, in behavior which would cause significant property damage, which directly and substantially impedes the lawful activities of other members of the University, and/or
- Demonstrates an inability to satisfy personal needs (e.g., nourishment, shelter) such that there is a reasonable possibility that serious physical harm or death might occur within a short period of time, and/or
- Commits a violation of the University's Student Conduct Code and lacks the capacity to comprehend and participate in the University's disciplinary process, and/or
- Commits a violation of the University's Student Conduct Code and did not understand the nature or wrongfulness of the conduct at the time of the offense.

The full Student Involuntary Administrative Withdrawal Policy, including procedures, is available at the Student Judicial Services website (www.emich.edu/sjs/). For more information, visit Student Judicial Services in 250 Student Center, or by phone at 734.487.2157.

Student Conduct Code and University Disciplinary Process

It is the policy of Eastern Michigan University to establish a student conduct code, to be administered by the Office of Student Judicial Services, for the purpose of maintaining a campus environment that is conducive to learning, protects the university's

educational purposes, maintains reasonable order on campus, and protects the rights of all members of the University community. The Eastern Michigan University Student Conduct Code and the accompanying student disciplinary processes are intended to foster ethical development, personal accountability and civility toward others.

UNIVERSITY PRACTICE

The Student Conduct Code, below, outlines the practices to be utilized in administering the student disciplinary system at Eastern Michigan University.

Section 1: Purpose

In support of the overall goals of Eastern Michigan University, the purpose of the Student Conduct Code, administered by the Office of Student Judicial Services, is to maintain a campus environment that is conducive to learning, protects the university's educational purposes, maintains reasonable order on campus, and protects the rights of all members of the University community. The Student Conduct Code and the accompanying student disciplinary processes are intended to foster ethical development, personal accountability and civility toward others.

The Code embraces several core philosophies: preservation of the rights of free speech and peaceable assembly; respect for freedom of inquiry and constructive criticism; a conviction that honesty and integrity are key values to the University community; and the belief that all members of the University should be part of a campus environment that respects differences of culture, gender, religion, race, age, lifestyle, or ability.

Section II: Responsibility for Implementation

The President, as Chief Executive Officer of the University, has overall responsibility for implementation of the Student Conduct Code and the student disciplinary process and has delegated its overall management to the Vice President for Student Affairs and the Director of Student Judicial Services. The Student Judicial Services office is directly responsible for the daily administration of the University's student judicial system.

Section III: Jurisdiction

The University will have jurisdiction over misconduct that occurs on University premises and/or at University-sponsored activities but may also address off-campus behavior if the University determines that the behavior, or the continued presence of the student, impairs, obstructs, interferes with or adversely affects the mission, processes or functions of the University.

A student committing a criminal offense off-campus that is also a violation of the Student Conduct Code may be subject to University discipline.

The University may pursue disciplinary action against a student at the same time the student is facing criminal charges for the same offense, even if the criminal prosecution is pending, has been dismissed or the charges have been reduced.

Section IV: Definitions

A. For purposes of the Student Conduct Code only, the following definitions apply:

1. FACULTY MEMBER means any person hired by the University to conduct classes.
2. INSTITUTION or UNIVERSITY means Eastern Michigan University.
3. MEMBER OF THE UNIVERSITY COMMUNITY includes any person who is a student, faculty member, University official or any other person employed by the University.
4. STUDENT includes all persons enrolled for courses through or at EMU, both full-time and part-time, and those who attend educational institutions other than EMU but who reside in EMU residence halls. Persons who are not officially enrolled for a particular term but whose EMU record indicates a continuing relationship with the University are considered "students." Persons who have been accepted into EMU but have not yet enrolled for courses are considered "students."
5. STUDENT GROUP means a number of students who are associated with each other and have not complied with University requirements for registration as an organization.

6. STUDENT IN GOOD STANDING means a student who is in good academic standing AND who is not presently under any University disciplinary sanctions.
7. STUDENT ORGANIZATION means a number of students who have complied with University requirements for registration and/or recognition.
8. UNIVERSITY PREMISES includes all land, buildings, facilities, and other property in the possession of or owned, used, or controlled by the University.
9. UNIVERSITY SPONSORED ACTIVITY means any activity on or off campus, which is initiated, aided, authorized or supervised by the University.

Section V: Violations

The following behavior is subject to disciplinary action under this Code. An individual, a group of individuals or a student organization may be charged with any of the violations. In cases where a violation is committed by an individual member of a student organization, the entire organization may be held responsible, in addition to the individual member, when those members not directly involved participate in the activity by encouraging, witnessing or condoning the act in any manner.

A. Academic Dishonesty

Engaging in academic dishonesty in any form with respect to examinations, course assignments, research projects, grades, and/or academic records, including, but not limited to the following:

1. **Cheating** - using or attempting to use unauthorized materials, information or study aids in any academic assignment. Examples of cheating are: looking on someone else's paper; using any kind of "cheat" sheet or other enhancement during a test; allowing someone else to take an exam in your place; submitting the same work more than once for credit; using someone else's homework or lab assignments; collaborating with another student on any assignment or take-home test if told that collaboration was not allowed; assisting another student in committing an act of academic dishonesty by allowing another student to copy homework or an exam; taking an exam for someone else; or giving test information to students in other sections of the same class.
2. **Falsification** - intentional and unauthorized falsification or invention of any information or citation in an academic assignment. Examples of falsification are: making up data on an assignment; making up a source to cite in a paper; altering then resubmitting returned academic work; giving false information to a faculty or staff member to increase one's grade; or attempting to change, actually changing, altering grades or any other unauthorized tampering with grades.
3. **Plagiarism** - deliberate and knowing use of someone else's work or ideas as one's own. Examples of plagiarism are: quoting a source verbatim, or paraphrasing text from a given source, without properly citing the source; turning in a research paper that was written by someone else; or in any other way passing off someone else's work as one's own; or failing to give credit for ideas or materials taken from someone else.

B. Alcohol Violations

1. Possession or consumption of alcoholic beverages by persons under the legal drinking age as defined by Michigan law.
2. Dispensing, selling or supplying alcoholic beverages to a person under the legal drinking age as defined by Michigan law.
3. Possession or consumption of alcoholic beverages in violation of federal, state and local laws.

NOTES:

1. Transportation in sealed containers to and from an authorized area or place is permissible if the person in possession is of legal age to possess alcoholic beverages as allowed by Michigan law.
2. Use of alcohol and controlled substances by Greek Organizations is covered under Student Conduct Code Section XI: Special Provisions Governing the University Recognition and Conduct of Greek Letter Social Organizations." Those provisions should be used to address alcohol violations committed by a Greek organization.

C. Computer Misuse

1. Unauthorized access, entry or use of a computer, computer system, network, software, password, account or data.
2. Unauthorized alteration or tampering with computer equipment, software, network, or data.
3. Unauthorized copying or distribution of computer software or data.
4. Use of computing facilities or equipment to send obscene, harassing or abusive messages.
5. Use of computers to falsify records, tamper with records or commit any act of academic dishonesty.
6. Any other act in violation of law and/or University policies and guidelines regulating computer-related use.

D. Discrimination by Student Organizations

Selecting its membership upon the basis of restrictive clauses involving race, religion, color, national origin, gender, age, sexual orientation or disability unless any given student organization's membership restriction is shown to be specifically allowed by law.

E. Disruptive Conduct

1. Actions that impair, interfere with, or obstruct the normal operations of the University and/or interfere with the rights of other members of the University community or visitors. This includes intentional occupation of or blocking the entry or exit of University facilities, including but not limited to buildings, classrooms, offices, hallways, entryways, conference rooms and campus grounds.
2. Actions that impair, interfere with, or obstruct the orderly conduct, processes and functions within any classroom or other instructional setting. This includes interfering with a faculty member's or instructor's role to carry out the normal academic or educational functions of his/her class.
3. Participating in, leading or inciting others to disrupt scheduled and/or normal campus activities, events and programs.
4. Intentional obstruction of the free flow of pedestrian or vehicular traffic on University premises or at University sponsored or supervised functions.
5. Disturbance of any member of the University community or visitor.
6. Solicitation on campus without prior approval from appropriate University officials. This includes, but is not limited to, the disbursement of any forms of promotional/informational material on University property or on items (e.g. motor vehicles) on University property, requests for donations, or the selling or vending of any merchandise or services.

F. Drugs

1. Possession or use of narcotics, prescription drugs or other controlled substances in violation of local, state or federal drug or narcotic laws.
2. Distribution, delivery or sale of narcotics, prescription drugs or other controlled substances in violation of local, state or federal drug or narcotic laws.
3. Possession or use of drug paraphernalia.

G. Failure to Comply

1. Failure to comply with a lawful order of a University official, including a campus police officer, in the performance of his/her duty.
2. Failure to comply with the sanctions rendered during the student judicial process.
3. Failure to comply with a request to be interviewed by a University judicial officer during the investigation of a conduct code violation. (Students may choose not to appear and present testimony at a student judicial proceeding after meeting with the judicial officer.)

H. Falsification/Fraud/False Testimony

1. Furnishing false information to the University, including false reporting of emergencies, knowingly making false accusations or giving false testimony during the disciplinary process.
2. Misuse, reproduction, alteration or forgery of any University related documents, records, identification, keys, access codes or property.
3. Providing a worthless check or money order in payment to the University or to a member of the University community.

I. Fire and Safety

1. Damage to, removal of or tampering with any fire safety systems, firefighting equipment or other emergency warning equipment.
2. Intentional or reckless burning or setting fire to any building or piece of property owned or controlled by the University.

J. Gambling

Gambling or participation in games of chance on campus for money or other things of value except as provided by law.

K. Guests

Students are responsible for informing their guests about campus regulations and may be held accountable for the behavior of their guests.

L. Harassment/Stalking

1. Conduct (not of a sexual nature) that creates an intimidating, hostile, or offensive campus, educational or work environment for another person or group.
2. Conduct (not of a sexual nature) that threatens, intimidates, humiliates, or otherwise harms another person or group.
3. Stalking, defined as following or otherwise contacting, via any means, another person repeatedly for no legitimate purpose, so as to put that person in fear for his/her life or personal safety, or to cause that person substantial emotional distress. Stalking includes:
 - a. Repeatedly following or harassing another person.
 - b. Contacting a person after being asked or ordered not to contact the person.
 - c. Violating any provision of the Michigan Stalking Law.

M. Hazing

1. Any action or activity, committed by either active members, associate members or pledges of an organization, which inflicts or intends to cause physical or mental harm or anxieties, or which may demean, degrade, or disgrace any person, regardless of location, intent or consent of participants. Hazing includes, but is not limited to:
 - a. Interference with a student's academic or work performance.
 - b. Forced consumption of any food, alcohol, other drugs, or any other substance.
 - c. Forced physical activity.
 - d. Deprivation of food or sleep.
 - e. Physical acts such as branding and paddling.
 - f. Requiring participation in any activity that violates University policies or any local, state or federal law.
 - g. Other violations as outlined in the Interfraternity Council, Panhellenic Council or National Pan-Hellenic Council Constitutions.
2. Any action or situation which intentionally or unintentionally endangers a student who is attempting admission into or affiliation with any student organization.

NOTES:

1. In cases where the activity is performed by an individual member of a student organization, the total organization may be held responsible, when those members not directly involved participate in said activity by encouraging, witnessing, or condoning the act in any manner.
2. Any individual and/or organization found guilty of hazing will be subject to a minimum penalty of suspension.

N. Physical Abuse and Endangerment

1. Physical violence or attempted physical violence toward another person or group.
2. Threat of physical violence against another person or group.
3. Any action that endangers the health, safety or welfare of a person or group.
4. Attempt to harm, or actual harm to, oneself.

O. Property/Facilities/Services

1. Theft of University property or property of a member of the University or visitor.
2. Damage, destruction, or defacement of University property or property of a member of the University or visitor, including littering.
3. Wrongful appropriation of University property or property of a member of the University or visitor.
4. Public posting, selling of, or in any other way, distribution of notes of class lectures, course handouts and outlines, and/or any other University-supplied materials without the express written permission of the instructor.
5. Unauthorized possession and/or use of University property or property of a member of the University or visitor, including knowingly being in possession of stolen goods. This includes unauthorized use of vehicles, equipment, services, the University name and logo.
6. Unauthorized entry into University facilities, including but not limited to buildings, classrooms, hallways, entryways, conference rooms, and campus grounds.
7. Bringing animals and/or pets into University buildings, except where properly authorized. Use or operation of rollerblades, skates, skateboards, bicycles, and similar items inside University facilities, unless expressly permitted.
8. Violation of any policy or guidelines pertaining to specific usage of a University facility.

P. Sexual Misconduct/Sexual Harassment

1. Any sexual act that occurs without the consent of the other person or occurs when the other person is unable to give consent.
2. Conduct of a sexual nature that creates an intimidating, hostile or offensive campus, or educational or working environment, for another person. This includes unwelcome sexual advances or requests for sexual favors, inappropriate sexual or gender-based activities, comments or gestures, or other forms of verbal or physical conduct or communications constituting sexual harassment.
3. Obscene or indecent behavior, which includes, but is not limited to, indecent exposure or the display of sexual behavior that would reasonably be offensive to others.

Q. Weapons/Firearms/Explosives

1. Possession, storage or use of firearms and other weapons, including non-lethal weapons such as pellet guns and paintball guns.
2. Possession, storage or use of firecrackers, gunpowder, ammunition, explosives or incendiary devices, or other articles or substances which could endanger health or safety.

R. Other Violations

1. Violation of any other published or posted University regulations not specifically mentioned in this Section, including, but not limited to, the EMU Policy Manual(s); EMU'S Alcohol and Other Drug Policy; Residence Hall Contract and the Guide to Campus Living; Campus Life Council regulations and guidelines for organizations; Student Government monetary allocation guidelines; EMU published undergraduate and graduate catalogs; EMU'S Athletics Alcohol and Other Drug Education and Testing Policy; and ORD Research Guidelines.
2. Aiding and abetting another in any violation of laws and/or University policies.
3. Attempt or intent to commit any violation outlined in the Student Conduct Code.
4. Off-Campus Conduct as described in the Student Conduct Code, Section III: Jurisdiction.

Section VI: Sanctions for Misconduct

The purpose of University discipline is to be corrective and educational as well as punitive. The disciplinary experience is intended to make clear to students the limits of acceptable behavior and to give students who violate the rules an opportunity to more fully understand the rules and incorporate the experience into their overall development. Assigned discipline may include a combination of sanctions for a particular incident. The sanctions which may be incurred include, but are not limited to, the following:

A. Sanctions for Students and/or Student Groups

1. Verbal Warning: notice that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.
2. Formal Reprimand: an official written statement of the University's disapproval of a student's actions and a warning that any future violation(s) will be dealt with more severely.
3. Disciplinary Probation: an official notice that the student's conduct is in violation of the Student Conduct Code but does not warrant suspension or permanent dismissal. Probation is for a designated period of time and includes the probability of more severe disciplinary sanctions if the student commits another conduct code violation during the probationary period. During the Probation period, a student will be considered "not in good standing" and may be excluded from some programs and curricular or extracurricular activities, including running for and/or holding office in any student organization.
4. Suspension: an involuntary separation of the student from the University for a definite period of time and/or until certain conditions for readmission are met. The student is not guaranteed readmission at the end of such period of time, but is guaranteed a review of the case and a decision regarding eligibility for readmission. (Suspension requires administrative review and approval by the President or his/her designee.)
5. Deferred Suspension: the sanction of suspension may be placed in deferred status provided that the student completes other assigned sanctions by the specified deadline dates. Failure to complete all sanctions and provide proof of completion by the deadline date(s) will result in the automatic enactment of the suspension without charges or hearing. If a student is found responsible for another violation of the Student Conduct Code during the period of deferred suspension, the student may be permanently dismissed from the University.
6. Permanent Dismissal: an involuntary permanent separation from the University. (Permanent dismissal requires administrative review and approval by the President or his/her designee.)
7. Delay and/or Denial of Degree Award: during the period disciplinary charges are pending against a student, the University may deny and/or delay issuance of a degree. Further, the University may refuse to issue a degree to a student who is serving a suspension or has been permanently dismissed from the University.
8. Revocation of Degree: an awarded degree may be revoked for violations of the Student Conduct Code, which occur prior to the award of the degree but are discovered after the degree has been awarded, where the violation is sufficient to justify the suspension or permanent dismissal of the student. (Revocation of a degree requires administrative review and approval by the President or his/her designee.)
9. Other secondary sanctions may be imposed instead of or in addition to those specified above. Secondary sanctions include, but are not limited to:
 - a. Restitution (compensation for loss, damage or injury)
 - b. Fines (for alcohol or drug violations) First Offense = \$100; Second Offense = \$200; Third Offense = \$300
 - c. Community Service
 - d. Educational Activities such as a reflective writing assignment or attendance at an event directly related to the violation committed. (e.g., alcohol/drug workshop, diversity awareness training)

- e. Restrictions (temporary or permanent loss of privileges or the use of a University facility or service)

B. Sanctions for Student Organizations

1. Verbal Warning: notice that continuation or repetition of prohibited conduct may be cause for additional disciplinary action.
2. Formal Reprimand: an official written statement of the University's disapproval of a student organization's actions and a warning that any future violation(s) will be dealt with more severely.
3. Disciplinary Probation: an official notice that the student organization's conduct is in violation of the Student Conduct Code but does not warrant suspension of or permanent termination of the organization's University status. Probation is for a designated period of time and includes the probability of more severe disciplinary sanctions if the student organization commits another conduct code violation during the probationary period. During the Probationary period, a student organization may also be excluded from campus activities, forfeit student monetary allocations and lose Campus Life status.
4. Suspension: an involuntary withdrawal of student organization status from the University for a definite period of time and/or until certain conditions for renewal of recognition are met. During this time, the University will not in any way recognize nor support the continued operation of said student organization. The student organization must reapply to the University for renewed recognition following any period of suspension. The suspension shall be reported to said organization's national office, if applicable. (Suspension requires administrative review and approval by the President or his/her official designee.)
5. Deferred Suspension: the sanction of suspension may be placed in deferred status provided that the student organization completes other assigned sanctions by the specified deadline dates. Failure to complete all sanctions and provide proof of completion by the deadline date(s) will result in the automatic enactment of the suspension without charges or hearing. If a student organization is found responsible for another violation of the Student Conduct Code during the period of deferred suspension, the student organization may have its University status permanently terminated.
6. Permanent Termination of University Status: an involuntary permanent withdrawal of student organization status from the University. The University will not in any way recognize nor support the continued operation of said student organization. The permanent termination shall be reported to said organization's national office, if applicable. (Permanent termination requires administrative review and approval by the President or his/her official designee.)
7. Other secondary sanctions may be imposed instead of or in addition to those specified above. Secondary sanctions include, but are not limited to:
 - a. Restitution (compensation for loss, damage or injury)
 - b. Fines (for alcohol or drug violations) First Offense = \$300; Second Offense = \$400; Third Offense = \$500
 - c. Community Service
 - d. Educational Activities such as a reflective writing assignment or attendance at an event directly related to the violation committed. (e.g., alcohol/drug workshop, diversity awareness training)
 - e. Restrictions (temporary or permanent loss of privileges or the use of a University facility or service)

C. Enhanced Sanctions

Any violation of the Student Conduct Code against any individual, group or student organization which is shown to be motivated by the individual's, group's or student organization's racial identity, religion or religious beliefs, disability, national origin, gender, sexual orientation or other personal characteristic will subject a student/student organization to a more severe sanction than would ordinarily accompany that violation.

D. Counseling Assessments and Counseling

In addition to any sanctions assigned, a student may also be required to undergo a counseling assessment and/or participate in counseling. Issuance of sanctions may be postponed pending the results of the counseling assessment.

Section VII: Organization of the University Judicial System

A. University Judicial Board

1. Composition - The University Judicial Board will consist of five enrolled students and two alternates; two full-time faculty members and one alternate; and two full-time members of the University community and one alternate. A student member must be a student in good standing in order to be selected for and remain on the University Judicial Board.
2. Selection of Board Members - In consultation with the Director of Student Judicial Services, student members will be appointed by the Student Government; faculty members will be selected by Faculty Council; and the full-time members from the University community will be selected by the President or his/her designee.
3. Terms of Office - Board members will be appointed for a two-year term. They may be reappointed by the person or body who appointed them. A Chief Justice will be elected by a majority vote of all of the University Judicial Board members.
4. Removal from Office - A board member may be removed from the board for poor attendance by a simple majority vote of the total University Judicial Board.
5. Jurisdiction - The University Judicial Board will serve as the panel to hear the case of any student(s)/student organization seeking resolution of the case through the formal hearing process.
6. Procedural Considerations
 - a. Selection of the University Judicial Board members for any given case depends on the availability of the members at the time scheduled for the hearing.
 - b. A quorum for a given hearing will exist with the presence of any five members. During vacation periods or summer session, the University Judicial Board has the authority to convene a disciplinary hearing with only three justices, provided that at least one of those justices is a student.
 - c. The Chief Justice will exercise control over the proceedings.

B. Judicial Appeals Board

1. Composition - The Judicial Appeals Board will consist of two enrolled students; two full-time faculty members; and two full-time members of the University community. A student member must be a student in good standing in order to be selected for and remain on the Judicial Appeals Board.
2. Selection of Board Members - In consultation with the Director of Student Judicial Services, student members will be appointed by the Student Government; faculty members will be selected by Faculty Council; and the full-time members from the University community will be selected by the President or his/her designee.
3. Terms of Office - Board members will be appointed for a three-year term. They may be reappointed by the person or body who appointed them. A Chief Justice will be elected by a majority vote of all of the Judicial Appeals Board members.
4. Removal from Office - A board member who is consistently unavailable for appellate reviews may be removed from the board by a simple majority vote of the total Judicial Appeals Board.
5. Jurisdiction - The Judicial Appeals Board will serve as the panel to review decisions rendered by the University Judicial Board during the formal hearing process. Both the charged party and the University will have the right to appeal a University Judicial Board decision.
6. Procedural Considerations
 - a. Selection of the Judicial Appeals Board members for any given case depends on the availability of the members at the time scheduled for the appeal.
 - b. A quorum will exist with the presence of the Chief Justice and any two other Judicial Appeals Board members, except that any three Judicial Appeals Board members may hear the appeal if the Chief Justice can not be available within a reasonable time, not to exceed 14 work days from the date of receipt of the written appeal.

Section VIII: Rights of Charged Student(s)/Student Organizations in Disciplinary Proceedings

The following rights apply to a student conduct proceeding that has reached the level of a formal hearing, **except** that Rights One through Four apply also to any investigative meeting held with Student Judicial Services and to the Informal Disposition Conference. Student(s)/student organizations will have the right to:

1. Remain silent and not have that silence used against them.
2. Have a voluntary adviser present who may participate in the proceedings. The adviser must be a member of the University community, and if the adviser is another EMU student, she/he must be a student in good standing.
3. Engage an attorney, at the student/student organization's own expense, only when criminal prosecution is pending on charges stemming from the same incident. The attorney may appear at the proceedings with the student(s) to provide advice, but may not represent the student(s)/student organization, directly question or cross-examine witnesses, or, in any other way, participate in the proceedings.
4. Be given a written statement of the charges against them, in accordance with the provisions of Section IX.B. of the Student Conduct Code.
5. Adequate notice of dates set for all hearings, and related conferences and meetings.
6. Reasonable review of the disciplinary case file maintained by Student Judicial Services prior to a formal hearing and/or appeal.
7. Question and cross-examine the complainant and all witnesses.
8. Present witnesses and submit any pertinent, supportive documentation. The hearing board, by a 2/3 vote of members present at the hearing, may limit the number of witnesses in order to avoid dilatory tactics.
9. An open or closed hearing. A hearing will be considered open if no person is excluded until the room's capacity has been reached except that a person may be removed if his/her behavior is disruptive to the hearing process. A closed hearing will include only the charged student(s)/student organization, Student Judicial Services official(s), witnesses and members of the particular judicial board hearing the case.
10. Challenge a judicial board member on the grounds of bias, conflict of interest or any other factor that could preclude the board member from rendering an impartial and fair decision. The board member may be disqualified upon majority vote of the remaining members of the board present at the hearing, conducted by secret ballot. If the board votes to exclude the challenged board member from that particular hearing, the hearing will continue with the remaining board members present, even if the number of board members remaining is less than the number required by the Student Conduct Code to reach a quorum for that hearing.
11. A written statement of the outcome of the proceeding, and a description of the appeal procedure.
12. Make a taped recording of the proceeding at their own expense.
13. Appeal the decision of the University Judicial Board, subject to the provisions of the Student Conduct Code, Section IX.E: Appeal of Formal Hearing Results.

Section IX: University Disciplinary Procedures

A. Reporting

Any member of the University community may initiate a complaint against a student or student organization for an alleged violation of the Student Conduct Code through the Student Judicial Services office. A complainant shall submit the complaint to the Student Judicial Services office within a reasonable amount of time from the date he/she becomes aware of the alleged violation. For purposes of this Code, an incident report generated by the Department of Public Safety or an incident report generated by University Housing will be considered a complaint to be reviewed by Student Judicial Services for possible Student Conduct Code violations.

B. Charges and Notice

1. Student Judicial Services will investigate each complaint, and if the circumstances surrounding the complaint indicate that a violation of the Student Conduct Code may have occurred, disciplinary charges may be issued. The student(s)/student organization will be notified of the charges in writing. Notice of the charges will be considered adequate if it is sent to the student(s)/student organization's last known address registered with the University or to the

address given by a student on either an EMU Department of Public Safety's Incident Report or on a Housing Incident Report.

2. Proper written notice to a student/student organization will include the following:
 - a. Recitation of facts surrounding the incident, in as sufficient detail as possible as to date, time, and location;
 - b. Statement of the specific Conduct Code provision(s) violated;
 - c. Any penalty assigned or other action taken;
 - d. Amount of time the student(s)/student organization has to respond to the notice;
 - e. Ramifications of not responding to the notice within the time limit; and
 - f. Copy of "Rights of Charged Students/Student Organizations in Disciplinary Proceedings."
3. Student Judicial Services may place a judicial hold on a student's academic record, and/or may go forward with disciplinary action against a student/student organization in either of the following situations:
 - a. The student or student organization fails to respond to a charge letter sent by Student Judicial Services within the applicable time limit.
 - b. The student withdraws from the University after allegedly committing a violation, whether or not Student Judicial Services has yet had the opportunity to charge the student with a Conduct Code violation.
 - c. The student/student organization fails to appear at the scheduled formal hearing or appeal hearing.

C. Disposition of Cases

1. disciplinary case may be handled in one of the following two formats:
 - a. Informal Disposition Conference - The student(s)/student organization representative and a Student Judicial Services judicial officer will meet informally to discuss the alleged violation(s). If the substantive facts and sanction(s) can be agreed upon by the judicial officer and the charged student(s), a disciplinary action agreement will be prepared and signed by both sides. A signed disciplinary action agreement will constitute a waiver of the right to a formal hearing and any appeal, and an acceptance of the finding(s) and sanction(s). The President or his/her designee must approve any suspension, permanent dismissal or permanent termination of a student organization's University status.
 - b. Formal Hearing - If, during the informal disposition conference, the student(s)/student organization disputes the findings by Student Judicial Services that a violation has occurred or if an appropriate sanction(s) cannot be agreed upon, the case will be referred to the University Judicial Board for a formal hearing.

D. Procedures for Formal Hearings

1. Notice of Hearing - After the formal hearing is scheduled, Student Judicial Services will notify the student(s)/student organization involved of the date, time and place of the hearing and of the pre-conference.
2. Pre-conference - At least two days prior to the formal hearing, a pre-hearing conference will be scheduled by Student Judicial Services for any charged student(s)/student organization. The two day requirement may be modified by mutual consent of the charged student(s)/student organization and Student Judicial Services. The conference will include the presiding officer of the University Judicial Board or a designee, the Director of Student Judicial Services or a designee, any individual designated to represent the University, and the charged student(s)/student organization and their adviser.

The purpose of the prehearing conference will be to identify those issues and facts which will be presented at the hearing, to exchange information as to witnesses likely to be called, to answer procedural questions, and to settle those matters which may be agreeably concluded. The conference will not be used to settle the issue of whether or not the violation was committed or to challenge any recommended sanctions. Failure of the charged student(s)/student organization or the adviser to appear will in no way affect any of their procedural rights and will not prohibit a hearing from being set and being held.

3. Formal Hearing Premises - The following premises will govern any formal hearing:
 - a. The focus of inquiry in a University hearing will be the determination of whether a violation of University rules occurred, and such decision will be totally unrelated to any criminal or civil decisions against the student(s)/student organization arising from the same incident.

- b. Formal rules of evidence will not apply to University proceedings, nor will deviations from these prescribed procedures necessarily invalidate a decision or proceeding unless significant prejudice to the charged student(s)/student organization or the University may result.
 - c. The charged student(s)/student organization will be presumed to have not violated the Student Conduct Code until it is proven otherwise.
 - d. The burden of proof during a formal hearing will rest with the University. The University must prove its case by a preponderance of the evidence, meaning that the evidence, considered in its entirety, indicates that, more likely than not, the charged student(s)/student organization committed the violation(s).
 - e. The Student Judicial Services officer may recommend a sanction to the University Judicial Board during the formal hearing, but the University Judicial Board will have the authority to reject the recommendation and issue any sanction(s) deemed appropriate.
 - f. All formal hearings will be tape-recorded. Tapes will remain the property of the University and will serve as the official record of the proceedings.
4. Disposition of the Case
- a. University Judicial Board decisions as to culpability of the charged student(s)/student organization and sanctions to be issued will be made by a simple majority of the University Judicial Board members present at the hearing. After hearing the case, board members will go into closed session to reach a decision.
 - b. Decisions of the University Judicial Board will be in writing. The decision will state what rule was violated, the behavior constituting the violation, and any sanctions issued. Within two working days, the written decision will be submitted to the Director of Student Judicial Services. If the recommended sanction is not a suspension, permanent dismissal of the student or permanent termination of University status, the Director of Student Judicial Services will mail the decision to the student(s)/student organization within two working days after being submitted to that office by the University Judicial Board.
 - c. If the recommended sanction is either a suspension, permanent dismissal or permanent termination of University Status, the Director of Student Judicial Services will submit the decision to the President or his/her designee for review. The President or his/her designee will either accept or reject the University Judicial Board's decision to suspend, permanently dismiss the student, or permanently terminate the University status of a student organization. If the decision is rejected, the President or his/her designee will provide to Student Judicial Services a written rationale for the rejection of the University Judicial Board's sanction. A rejection of the University Judicial Board's sanction will constitute an automatic appeal to the Judicial Appeals Board.
 - d. The President or his/her designee will have five working days after submission of the University Judicial Board's decision to take action. If no action is taken during that time, the University Judicial Board's decision will be considered approved.
 - e. Student Judicial Services will mail the written decision to the student(s)/student organization within one working day following any presidential action. If the five working days lapse without the President or his/her designee taking action, Student Judicial Services will mail the University Judicial Board's written decision to the student(s)/student organization on the sixth working day following the submission of the decision to the President or his/her designee for review.

E. Appeal of Formal Hearing Results

1. Right to Appeal - Student(s)/student organizations or the University (represented by Student Judicial Services) may request that the University's Judicial Appeals Board review the decision rendered at the conclusion of the formal hearing process. Student(s)/student organization(s) may challenge the finding of the University Judicial Board that a violation occurred and/or the sanction(s) assigned. Conversely, the University may challenge the finding of the Board that no violation occurred or that the sanction(s) issued were not severe enough for the violation committed.
2. Appeal Process for Student(s)/Student Organizations - The following steps should be followed by student(s)/student organizations in order to file an appeal:
 - a. A written request for an appeal must be submitted to Student Judicial Services within seven working days from the date of the written decision from the formal hearing. The appeal will be immediately forwarded to the Judicial Appeals Board for consideration. Unless extenuating circumstances can be shown, failure to appeal within the allotted time will render the University Judicial Board's decision final.

- b. The written request for an appeal must state the grounds for appeal (citing the appropriate grounds from the "Grounds for Appeal" list below); a discussion of the evidence and facts in support of the appeal; and a recommended solution.
 - c. The request for an appeal must be typed and should include any supporting documentation that should be considered by the Judicial Appeals Board.
 - d. Grounds for Appeal - The following will be considered the only grounds for an appeal:
 1. There were procedural errors in the case or in the interpretation of University rules and regulations serious enough to deny the student(s)/student organization a fair hearing.
 2. There is new evidence of a substantive nature not previously available at the time of the hearing, which would have materially affected the decision.
 3. The severity of the sanction is disproportionate to the violation(s) committed.
 4. The decision of the Board was not supported by the evidence presented at the hearing.
3. Appeal Process for the University - The following steps should be followed by the University in order to file an appeal:
 - a. A written request for an appeal must be submitted by Student Judicial Services to the Judicial Appeals Board within seven working days from the date of the written decision from the formal hearing. A copy of the appeal will also be made available to the student(s)/student organization. Unless extenuating circumstances can be shown, failure to appeal within the allotted time will render the University Judicial Board's decision final and conclusive.
 - b. The written request for an appeal must state the grounds for appeal (citing the appropriate grounds from the "Grounds for Appeal" list below); a discussion of the evidence and facts in support of the appeal; and a recommended solution.
 - c. The request for an appeal must be typed and should include any supporting documentation that should be considered by the Judicial Appeals Board.
 - d. Grounds for Appeal - The following will be considered the only grounds for an appeal:
 1. There were procedural errors in the case or in the interpretation of University rules and regulations serious enough to affect the University's chance of proving its case.
 2. The sanction is too lenient given the violation(s) committed.
 3. There is new evidence of a substantive nature not previously available at the time of the hearing, which would have materially affected the decision.
 4. The decision of the Board was not supported by the evidence presented at the hearing.
4. Scheduling an Appeal
 - a. The Judicial Appeals Board will convene an appeal hearing as soon as possible after receiving the written appeal. A quorum will exist with the presence of the Chief Justice and any two other board members, **except** that any three board members may handle the appeal if the Chief Justice cannot be available within a reasonable time, not to exceed 14 calendar days from the receipt of the written appeal.
 - b. After the appeal is scheduled, Student Judicial Services will notify the student(s)/student organization involved of the date, time and place of the hearing.
5. Appeal Hearing Premises - The following premises will govern any appeal hearing:
 - a. Deviations from these prescribed procedures will not necessarily invalidate a decision or proceeding unless significant prejudice to the charged student(s)/student organization or the University may result.
 - b. On appeal, the burden of proof rests with the appellant to clearly exhibit that one of the four grounds for an appeal has been met; this is not a rehearing of the entire case.
 - c. All appeal hearings will be tape-recorded. Tapes will remain the property of the University and will serve as the official record of the proceedings.
 - d. Any sanction(s) issued by the University Judicial Board will not take effect until the appeal process is completed.
6. Disposition of the Appeal
 - a. Prior to the appeal hearing, the Judicial Appeals Board will meet in closed session to review the written decision of the University Judicial Board, the written appeal, any supporting documentation provided by the Appellant, and the tape recording of the formal hearing.
 - b. After reviewing the case materials, the Judicial Appeals Board will convene the Appeal Hearing and call in both parties to the appeal. The student(s)/student organization may bring an adviser to the Hearing who may speak on their behalf. The adviser must be a member of the University community, and if the adviser is a student, he/she must be a student in good standing.

- c. The party who filed the appeal will be allowed 15 minutes to present his/her case to the Judicial Appeals Board. The Board members may then ask questions of the appellant. The opposing side will then be given 15 minutes to present its counter-arguments, after which the Board members can ask questions of that party.
- d. The Judicial Appeals Board will again go into closed session to reach a decision in the case, then reconvene the Hearing and read its decision. The decision will be made by a simple majority of the Judicial Appeals Board members present at the hearing.
- e. The Judicial Appeals Board may take one of the following actions:
 - 1. Uphold the decision of the University Judicial Board in its entirety.
 - 2. Alter the sanctions imposed by the University Judicial Board **except** that the Board cannot increase the severity of the sanctions if the appeal was filed by the student(s)/student organizations.
 - 3. Send the case back to the University Judicial Board for a new hearing only if there were errors in procedures or interpretation of University rules and regulations or there is new evidence in the case. A decision issued by the University Judicial Board in a case sent back to it by the University Appeals Board may not be appealed again and will be the final decision, pending approval by the President or his designee in accordance with sub-section F below.
 - 4. Dismiss the case against the student(s)/student organization.
- f. In cases where the Judicial Appeals Board, or the University Judicial Board upon a rehearing of the case, issues a suspension, permanent dismissal of the student or permanent termination of University status of a student organization, the decision will be sent to the President or his/her designee for review. The President or his/her designee will have five working days after submission of the decision to either affirm or alter the decision. This decision will be final. If no action is taken during that time, the appellate decision, or the decision from a re-hearing, will be considered approved.
- g. Student Judicial Services will mail the written decision to the student(s)/student organization within one working day following any presidential action. If the five working days lapse without the President or his/her designee taking action, Student Judicial Services will mail the written decision to the student(s)/student organization on the sixth working day following the submission of the decision to the President or his/her designee for review

Section X: Special Disciplinary Provisions Governing Acts of Academic

Dishonesty

- A. Academic dishonesty is both an academic matter between a student and his/her faculty member and a violation under the Student Conduct Code subject to University disciplinary action. An act of academic dishonesty may and should be handled by the faculty member, the student, and, if appropriate, the faculty member's department head and/or the dean over that particular academic department. Sanctions that can be assigned by a faculty member range from giving a reduced grade on the particular work in question to failing the student for the entire course. In addition, some academic departments and programs have their own policies for dealing with academic dishonesty and/or violations of Professional Codes of Ethics which allow the department or program to impose sanctions ranging from probation to program dismissal. A sanction assigned by a faculty member and/or an academic department or program is an academic, not a disciplinary, sanction.
- B. If the matter is resolved satisfactorily between the student and the faculty member, and the faculty member decides not to refer the student for University disciplinary action, the faculty member may still report the incident to Student Judicial Services. Student Judicial Services will maintain a record of the reported incident and may elect to pursue University disciplinary action against a student who is reported to that office for a subsequent act of academic dishonesty.
- C. If the faculty member decides that a stronger sanction is needed instead of or in addition to any academic sanctions assigned by that faculty member, the incident may be referred to Student Judicial Services for review and possible University disciplinary action. Once the referral is made to Student Judicial Services, the incident will be handled in the same manner as would any other allegation under the Student Conduct Code.
- D. In cases where the student denies the allegation of academic dishonesty, the faculty member may elect to postpone assigning any academic sanctions until after the student has gone through the University disciplinary process. If, at the end of that process, the charge of academic dishonesty is upheld, the faculty member may then assign an academic sanction. The academic sanction is independent of any disciplinary actions taken against the student by the University.

- E. Academic sanctions assigned by the faculty member in agreement with the student or assigned by the faculty member after the charge of academic dishonesty has been validated through the University disciplinary system cannot be grieved under the University's Grade Grievance Procedure.

Section XI: Special Provisions Governing the University Recognition and Conduct of Greek Letter Social Organizations

- A. Because of the importance of the Greek social system and because of the unique circumstances under which it operates, the following conditions have been established between the University and the Greek social organizations. These provisions set out the requirements for maintaining University recognition and good standing and delineate specific violations that may be handled through the Greek system's own judicial process rather than under the University's Student Conduct Code.
- B. The University reserves the right to retain jurisdiction over cases in which the conduct violates both these provisions and the University's Student Conduct Code **and** the University determines that the misconduct is of such severe nature as to impair, obstruct, interfere with or adversely affect the mission, processes or functions of the University.
- C. The University may take action against an individual member of a student organization for misconduct that is a violation both of this provision and of the Student Conduct Code, regardless of any separate disciplinary action taken against the student organization.
- D. This section of the Student Conduct Code applies only to the relationship between the University and the Greek social organizations and has no bearing on relations between chapters and national and/or alumni agreements.
- E. Good standing must be maintained in order for Greek social organizations to participate in Greek-sponsored activities. Failure to do any of the following will constitute a violation of these provisions of the Student Conduct Code and will subject the Greek social organization to disciplinary action, including possible loss of good standing, as described within these provisions under subsections F and G:
 - 1. Registering annually as a recognized student organization with the Office of Campus Life;
 - 2. Participating in the appropriate Greek governing bodies (Greek Council and either Black Greek Council, Interfraternity Council or Panhellenic Council);
 - 3. Submitting roster and grade release forms for active members and pledges/associates during the first month of the semester;
 - 4. Following all rules and guidelines for Greek Rush; and
 - 5. Abiding by all terms and conditions of the alcohol and controlled substance guidelines below:
 - a. The possession, use and/or consumption of alcoholic beverages while on chapter premises during an official event or in any situation sponsored or endorsed by the chapter or organization must be in compliance with any and all applicable laws and University rules and policies.
 - b. No chapter or organization members, collectively or individually, shall purchase for, serve to, or sell alcoholic beverages to anyone under the legal drinking age.
 - c. The possession, sale, and/or use of any illegal or controlled substance at any chapter, organization or University-sponsored event are strictly prohibited.
 - d. Alcohol or controlled substances will be prohibited at any and all rush activities.
 - e. Open parties where alcohol is provided by the host chapter, meaning those with unrestricted access by nonmembers of the organization without specific invitation, will be prohibited.
 - f. All organizations must provide, at no charge, an alternative nonalcoholic beverage and food at any event where alcohol is provided.
 - g. There will be no solicitation or encouragement of alcohol consumption by contest or promotion at any chapter event where alcoholic beverages are present.
- F. Greek organizations whose members are in violation of this policy, regardless of whether the individuals are identified, will be subject to one or more of the sanctions listed in the Student Conduct Code, Section VI.B: Sanctions for Student Organizations.
- G. The following process will be utilized in any incident alleging a violation of these policy provisions by a Greek social organization:
 - 1. The incident will be referred to the respective Greek Judicial Board for hearing and original adjudication (i.e., sorority cases will be handled by the Panhellenic Council, fraternity cases will be heard by IFC, and black Greek cases will be heard by the Black Greek Council). Each Greek Council will establish its own judicial

board and its own set of hearing procedures for handling the incident. The chair of the respective Greek Judicial Board will immediately inform Student Judicial Services about any incident referred to it.

2. A decision rendered by the respective Greek Judicial Board may be appealed either by the party alleging the violation or by the Greek social organization being accused of a violation. The appeal will be made to the Greek Council Judicial Board, which may accept, modify or reject any sanction issued by the Greek Judicial Board.
3. Student Judicial Services will receive written transcripts of all final judicial decisions, whether from the respective Greek Judicial Board (if there was no appeal of its decision) or from the Greek Council Judicial Board (for decisions that were appealed). Student Judicial Services will review the decision and may accept or reject the proposed sanctions.
4. In the event Student Judicial Services rejects the final decision, the Director will provide a written explanation of the rejection and a recommended alternative.
5. In the event that Student Judicial Services and the Greek board rendering the final decision cannot reach an agreement, the case will be referred to the Eastern Michigan University Judicial Appeals Board as outlined in the Eastern Michigan University Student Conduct Code. In this instance Student Judicial Services will notify the national or international headquarters of the organization involved. In the case of local organizations, the Alumni Association will be notified.

Section XII: Interim Suspensions and Other Interim Sanctions

- A. For alleged violations of this Code, interim sanctions, including but not limited to interim suspension, reassignment to alternate housing, limitation of access to designated University housing facilities and/or campus facilities by time and location, and limitation of privilege to engage in specified University activities, may be imposed by the President or his/her designee. Such interim sanctions are to be utilized only when there is reason to believe that the student(s)/student organization's conduct poses a substantial threat of harm to oneself or others, threatens or endangers University property, or disrupts the stability and continuance of normal University operations and functions.
- B. For interim suspensions only, a student will be denied access to the residence halls, and/or to the campus (including classes), and to all other University activities or events which the student might otherwise be eligible to participate in or attend. A student organization will lose its University student organization status and will be denied access to any University activities or events which the student organization might otherwise be eligible to participate in or attend.
- C. A student/student organization will be notified of an interim sanction or interim suspension, orally, by written notice served on the student/student organization or by written notice sent to the last address on record. The interim sanctions or interim suspension take effect the day issued by the President or his/her designee.
- D. A student/student organization issued an interim suspension or interim sanctions will be given an opportunity to appear before the Vice President of Student Affairs or a designee within three working days in order to discuss the following issues only:
 1. the reliability of the information concerning the student/student organization's alleged misconduct.
 2. whether the conduct and surrounding circumstances reasonably indicate that the continued presence of the student on University premises poses a substantial and immediate threat to himself/herself, to others, or to property.
- E. The Vice President for Student Affairs or his/her designee may affirm or alter the interim sanctions or interim suspension based on the discussion with the student/student organization. If the decision is affirmed, the Vice President or his/her designee will inform the student/student organization of that decision at the conclusion of the discussion. Regardless of whether the interim sanctions or interim suspension is affirmed or altered, the Vice President or his/her designee will direct that a formal hearing before the University Judicial Board take place within 10 days. If the University fails to schedule the formal hearing within the 10 day period, the interim sanctions or interim suspension will cease although the original charges will not be dropped and will still be handled through the University's disciplinary process.

Section XIII: Emergency Powers of the President

- A. The President, as Chief Executive Officer of the University, is charged with the maintenance of that degree of order and safety necessary to the successful continuation of the University's lawful mission, and he/she is further charged with the authority to protect the members of the University community and University property.

- B. When faced with mass disruptions, activity of a violent and destructive nature, or other dangerous violations of University rules of a serious enough nature to threaten the University, the President, after consultation with and approval of the Board of Regents, may declare a "state of emergency" and do any of the following:
1. Impose and have enforced a curfew on all or portions of the University campus.
 2. Curtail or suspend services.
 3. Close the University or portions of the University entirely for the period of emergency.
 4. Issue an emergency suspension and forbid the presence on campus of any student(s)/student organization(s) if they have been sufficiently identified to him/her as participants in activities which violated University policy and led to the conditions described above. Suspensions issued under this section of the code are effective immediately upon notice to the student(s)/student organization(s).
 5. Appoint a Special Hearing Board on an ad hoc or extraordinary basis to make a recommendation as to whether any emergency suspensions issued should be continued. The Special Hearing Board will convene and make its recommendations to the President within seven calendar days from the effective date of the emergency suspension. Regardless of the recommendation to the President as to the continuation of the emergency suspension, the President will direct Student Judicial Services to convene a formal hearing before the University Judicial Board within 10 days of the date of the Special Hearing Board's recommendation to the President in order to rule on the original charges brought against the student(s)/student organization(s).
 6. Take other actions that may be explicitly stated in or implied by any laws governing the authority of the University and/or the President in emergency situations.
- C. **Note:**
Due to the unique circumstances and severe conditions that would lead the President to exercise any of his/her emergency powers, an emergency suspension issued under this section of the Code is to be considered different from an interim suspension issued under the conditions stated in Section XIII. The issuance and review of an emergency suspension will be handled in accordance with the procedures outlined above in subsections 4 and 5.
- D. The Board of Regents, regardless of granting any emergency powers to the President, in no way restricts its own powers and prerogative to carry out its obligations and duties as imposed by the Constitution and laws of the state of Michigan.

Section XIV: Student Disciplinary Files and Records

- A. Student Judicial Services will establish a student disciplinary file whenever a case is referred for investigation of a possible Conduct Code violation. A student or student organization's file will be destroyed if the investigation indicates that no violation occurred. The file of a student/student organization found to have violated the Conduct Code will be retained for four years from the date of the sanction or until the student's graduation from the University, whichever comes first. Student conduct records may be retained longer or permanently if the student was suspended or permanently dismissed or if there is reason to believe the case could result in future litigation.
- B. A notation will be made on the student's official University transcript if the student was suspended, permanently dismissed or given an "E" grade in a course as a result of academic dishonesty.
- C. The release of student disciplinary records will be governed by applicable federal and state laws governing the privacy of educational records.

Section XV: Review of the Student Judicial System

- A. Student Judicial Services will convene a Student Judicial System Review Committee at least every four years that will be responsible for carrying out the following tasks:
1. Reviewing the goals and effectiveness of the University's disciplinary system;
 2. Reviewing the effectiveness of the types of sanctions issued;
 3. Recommending changes to the Student Conduct Code;
 4. Recommending changes in the judicial processes and procedures established and followed by Student Judicial Services; and
 5. Recommending training sessions and publications on topics related to the mission of Student Judicial Services to educate the campus community about student conduct and the campus judicial processes.
- B. The Committee will be appointed and chaired by the Director of Student Judicial Services and will include one representative from the following areas: Ombudsman; Legal Affairs; Housing; Health Services; Counseling Services; Student Government; Faculty Council; Department of Public Safety; Chief Justice of the University Judicial Board; and

Chief Justice of the Judicial Appeals Board.

Amendments to the Student Conduct Code that receive the support of the Review Committee will be forwarded, in accordance with University procedures, to the Board of Regents for approval.

University Alcohol and Other Drug Policy

The University is committed to promoting and maintaining a work and academic environment that is free from illegal alcohol and drug use and abuse, in accordance with all federal, state, and local laws. Students and employees are prohibited from reporting to work or working under the influence of alcohol or drugs.

Employees may not consume, possess, distribute, or be under the influence of alcoholic beverages on University property or while on University business (except at University functions at which use of alcohol is approved). Employees, students, and campus visitors aged twenty-one (21) years or older, consuming alcohol at University functions or while on University business, where such use is approved, are expected to use alcohol responsibly and not engage in illegal, unprofessional, or disruptive behavior.

Students and campus visitors who have attained the legal drinking age of twenty-one (21) years of age may possess and consume alcoholic beverages only at approved University functions or in residence hall rooms of students who have attained the legal drinking age. Those under twenty-one (21) years of age are not permitted to consume or possess alcoholic beverages at any time.

Students, employees and visitors are prohibited from dispensing, selling or supplying alcoholic beverages to a person under the legal drinking age as defined by Michigan law.

Students, employees, and visitors are prohibited from possessing, consuming, manufacturing, dispensing, or being under the influence of illegal drugs or engaging in improper self-medication while on University property or University business.

Any member of the University community who violates this policy is subject to both prosecution and punishment under federal, state and local laws and to disciplinary proceedings by the University.

This policy is not designed to punish people for seeking rehabilitation. All information about those individuals who voluntarily avail themselves of drug or alcohol counseling or rehabilitation services will remain confidential. Seeking counseling or rehabilitation will not be used as a basis for disciplinary action or be used against an individual in any way.

University employees and students who violate this policy shall be informed about and referred to services to assist them in determining whether they are abusing drugs and alcohol or are chemically dependent. If a problem is found to exist, the individual will be referred to resources to assist him/her in overcoming the drug or alcohol abuse pattern. This referral or assessment shall not limit the University's ability to pursue appropriate disciplinary action, up to and including termination or expulsion, when an employee or student has violated this policy or any other University policy.

This policy shall not add to or supersede union contracts or established employee work rules.

Health Risks of Alcohol and Other Drugs

- **ALCOHOL** Loss of concentration and judgment, slowed reflexes; disorientation leading to higher risk of accidents and problem behavior; risk of liver and heart damage, malnutrition, cancer and other illnesses; can be highly addictive to some persons.
- **AMPHETAMINES** Can cause rushed, careless behavior - pushing beyond your physical capacity, leading to exhaustion; tolerance increases rapidly; causes physical and psychological dependence; withdrawal can result in depression and suicide; continued high doses can cause heart problems, infections, malnutrition, and death.
- **CANNABIS** Causes permanent damage to lungs, reproductive organs and brain function; slows reflexes; increases forgetfulness; alters judgment of space and distance.
- **COCAINE** Causes damage to respiratory and immune systems; induces malnutrition, seizures and loss of brain function. Some forms (such as "crack") are highly addictive.

- **HALLUCINOGENS** (PCP, LSD, Ecstasy) Causes extreme distortions of what's seen and heard; induces sudden changes in behavior, loss of concentration and memory; increases risk of birth defects in user's children; overdose can cause psychosis, convulsions, coma, and death. Frequent use can cause permanent loss of mental function.
- **NARCOTICS** (Heroin, morphine, opium, codeine) Tolerance increases rapidly; causes physical and psychological dependence; overdose can cause coma, convulsions, respiratory arrest, and death; leads to malnutrition, infection and hepatitis; sharing needles is a leading cause of the spread of HIV and Hepatitis; highly addictive.
- **SEDATIVES** Tolerance increases rapidly; produces physical and psychological dependence; causes reduced reaction time, and confusion; overdoses can cause coma, respiratory arrest, convulsions, and death; withdrawal can be dangerous; in combination with other controlled substances can quickly cause coma and death.

Assistance Available to Faculty, Staff, and Their Families at EMU:

Ceridian/LifeWorks 877.234.5151
www.lifeworks.com 800.999.3004

Assistance Available to Students at EMU:

University Health Services:

Counseling Services 734.487.1118
Health Education Program 734.487.2226

Department of Public Safety 734.487.1222

Alcohol and Other Drug Abuse Treatment Services Available in S.E. Michigan

Adrian

- Emma Bixby Medical Center and Satellite Sage Center for Substance Abuse Treatment 517.265.0411
Ann Arbor/Ypsilanti Area

- St. Joseph's Mercy Hospital Chemical Dependency Services, 734.786.4900, website: www.sjmh.com
- Ann Arbor Consultation Services, 734.996.9111
- U of M Addiction Treatment Services (UMATS), toll free 800.828.8020 or 734.232.0600
- Alcoholics Anonymous, 734.482.5700, Huron Valley Area Intergroup, website: www.hvai.org
- Narcotics Anonymous for Washtenaw & Livingston County, 734.913.9839
- Dawn Farm, 734.485.8725 or 734.669.8265
- Washtenaw County Health Services Access (for those with no ability to pay), 800.440.7548 or 734.544.3050

Brighton/Livingston County

- Brighton Hospital, 888.215.2700 or 810.227.1211, web site: <http://brightonhospital.org/>
- Narcotics Anonymous for Washtenaw & Livingston County, 734.913.9839

Detroit Metropolitan Area

- Alcoholics Anonymous for Detroit or Wayne County, 313.831.5550
- Narcotics Anonymous, 248.543.7200
- Insight Recovery Centers, 248.524.9530, web site: www.insightrecovery.org/wayne.htm
- Eastwood Clinics: website: www.stjohn.org
 - Dearborn, 313.583.0735
 - Detroit (Gratiot & 8 Mile), 313.369.5000

Flint

- Insight Recovery Centers, 810.733.0900 or 800.356.4357 web site: www.insightrecovery.org

- Community Recovery Services, 810.744.3600
- Narcotics Anonymous, 810.238.3636
- Alcoholics Anonymous, 810.234.0815

Jackson

- Washington Way, 517.782.4001
- Alcoholics Anonymous in Jackson, 517.789.8883

Toledo

- Alcoholics Anonymous, 419.380.9862
- Narcotics Anonymous, 800.587.4232
- Toledo Hospital Alcohol & Drug Assessment and Treatment Center
 - Inpatient: 419.291.2351
 - Outpatient/assessment: 419.291.2300

Sanctions for Violations of Laws & Policies:

The laws of the State of Michigan and Eastern Michigan University's policies and rules prohibit the consumption or possession for personal consumption of alcoholic beverages by persons less than 21 years of age. Further, Michigan laws and University policies prohibit the sale, service or giving of alcoholic beverages to persons under the age of 21. Eastern Michigan University's policies and rules, local ordinances and laws, state laws and federal laws also prohibit the unlawful possession, use and/or distribution of illicit drugs and alcohol.

Community Sanctions:

Violations of laws and ordinances may result in misdemeanor or felony convictions accompanied by the imposition of legal sanctions which include, but are not limited to, the following:

- Fines as determined under local, state or federal laws.
- Imprisonment, including up to life imprisonment, for possession of more than 650 grams or trafficking in drugs such as Heroin and Cocaine.
- Forfeiture of personal and real property.
- Denial of federal benefits such as grants, contracts, and student loans.
- Loss of driving privileges.
- Required attendance at substance abuse education or treatment programs.
- Federal laws prohibit possession, use, distribution, manufacture or dispensing.

A full description of federal sanctions for drug felonies can be found at: www.usdoj.gov/dea/agency/penalties.html

University Sanctions:

Violation of University policies and rules will be subject to campus disciplinary review and action, as follows:

Faculty and Staff:

Disciplinary action will be taken as per applicable collective bargaining agreements and University policy up to and including termination of employment.

Information about violations related to tobacco use can be found under EMU Tobacco Use policy.

Students:

Disciplinary action will be taken by Student Judicial Services under the Student Conduct Code and may include sanctions ranging from formal reprimand to permanent dismissal, in addition to counseling and/or referral to a substance abuse

educational/intervention program. In certain circumstances, parents of a student under 21 years old will be notified about the drug or alcohol violation, as per Eastern Michigan University's policy on Parental Notification. The FERPA policy can be found at www.emich.edu/registrar/ferpa.htm.

Information about violations related to tobacco use can be found under EMU Tobacco Use policy.

In addition to University-level action taken under the Student Conduct Code, other University departments maintain internal policies and rules regarding alcohol and other drugs and may impose sanctions against students and/or student groups which violate these policies. For example, University Housing, Athletics, Greeks, Study Abroad and several academic departments have policies addressing alcohol and other drugs. Any action taken under one policy does not prevent action being taken under any other policy.

Employee Reporting Requirement:

Under the Drug Free Schools and Communities Act Amendments of 1989, a faculty or staff member employed under a federal grant or contract must notify the University (Human Resources, Employee Relations, 734.487.0083; or Academic Human Resources, 734.487.0076, in writing, of his or her arrest or conviction for violation of any criminal drug statute occurring in the workplace or while on University business no later than five days after such arrest or conviction.

Review of EMU's Alcohol and Other Drug Abuse Prevention Program:

The University will review its Alcohol and Other Drug Abuse Prevention Program every 2 years to determine its effectiveness and implement changes to the program as needed and to ensure that the disciplinary sanctions applied by the University are consistently enforced.

EMU Policy on Notification to Parents of Drug and Alcohol Violations

1. When the University has determined that a student has committed a second disciplinary violation with respect to campus rules regarding the use or possession of drugs or alcohol, the University will disclose to parents or legal guardians such information if the student is less than 21 years of age.
2. Parents will be notified of a first disciplinary violation with respect to campus rules regarding the use or possession of drugs or alcohol if (a) the incident also involves another serious offense; or (b) if there is reason to believe that a student's health and well-being are in jeopardy; or (c) the violation results in a sanction of either housing probation or higher or University-level probation or higher. In cases where the drug or alcohol violation also involves another serious offense, the University will only release details of the drug or alcohol violation to the parents or legal guardians.
3. At the point at which it is determined that parental notification is permitted under the provisions of this policy, the student will be given twenty-four (24) hours to make the initial contact with the parents or legal guardians prior to the University notifying the parents or legal guardians.
4. Within the twenty-four (24) hour time period that a student has to notify his/her parents or legal guardians, the student may submit documentation or a written statement indicating that there are special circumstances that make parental notification inappropriate. The University's designee will consider the request and make a determination as to notification on a case-by-case basis.
5. Parental notification is in addition to any other sanctions issued by the University.

Tobacco Use Policy

University Policy Statement

The University is committed to promoting and maintaining a healthy work and academic environment that is as close to tobacco free as practicably possible and in accordance with all federal, state and local laws. Students, employees and visitors are prohibited from using tobacco throughout all University buildings (exception University Apartments), University vehicles and outside of buildings within 25 feet of any entrance, air intake duct and/or window.

- The use of tobacco products is prohibited in all University buildings and leased spaces. This prohibition applies to any area enclosed by the perimeter (outermost) walls of the building, including restrooms, warehouses, storage spaces, atriums, balconies, stairwells and other similar building features considered “within a building.”
- The use of tobacco products is prohibited within 25 feet of any building entrance, air intake duct and window.
- Specific outside areas for tobacco use will not be established or identified.
- The University will install ashtrays and other appropriate tobacco litter appliances beyond 25 feet from buildings.
- Individuals who use tobacco products will be responsible for their proper disposal.
- The use of tobacco products is prohibited in University vehicles. This prohibition includes passenger vehicles and all other state-owned mobile equipment, including light and heavy duty trucks, cargo and passenger vans, buses, golf carts and any other mobile equipment.
- The use of tobacco products is prohibited in outdoor areas where seating is provided.
- The use of tobacco products is prohibited on the grounds of the Children’s Institute.
- University Health Services will provide educational information and programs on tobacco use cessation.
- Vice presidents, deans, directors and department heads are responsible for informing the campus community of the tobacco use policy and overseeing day-to-day compliance. The appropriate administrative division will address violations and habitual offenders of this policy.

Sanctions for Violations of Laws & Policies

The laws of the State of Michigan and Eastern Michigan University’s policies and rules prohibit the use of tobacco in public buildings.

Community Sanctions:

- Violations of the Michigan Clean Indoor Air Act are subject to civil fines of not more than \$100 for the first violation and not more than \$500 for second or subsequent violations.
- Violations of the smoking prohibition at child care centers and child care institutions are subject to a stricter penalty of a fine not less than \$100 and not more than \$1,000.

University Sanctions:

Violation of University policies and rules will be subject to campus disciplinary review and action as follows:

Faculty and Staff:

Disciplinary action will be taken as per applicable collective bargaining agreements and University policy up to and including termination of employment for habitual repeat offenders.

Students:

Students who violate this policy are subject to disciplinary action in accordance with the provisions of the Student Conduct Code. Sanctions for violations may include verbal warning, formal reprimand, probation, suspension or dismissal.

Visitors:

Violation of University rules and regulations by visitors could result in permanent removal from EMU properties.

Health Effects of Tobacco Use

Smoking

- Cigarette smoking increases the risk for many types of cancer, including cancers of the lip, oral cavity, and pharynx; esophagus; pancreas; larynx; lung; uterine cervix; urinary bladder; and kidney.
- Cigarette smokers are 2 – 4 times more likely to develop coronary heart disease than nonsmokers.
- Cigarette smoking approximately doubles a person's risk for stroke.
- Cigarette smoking has many adverse reproductive and early childhood effects, including an increased risk for infertility, preterm delivery, stillbirth, low birth weight, and sudden infant death syndrome.

Second-Hand Smoke

- Second-hand smoke is associated with an increased risk for lung cancer and coronary heart disease in nonsmoking adults. Second-hand smoke is a known human carcinogen (cancer-causing agent).
- Because their lungs are not fully developed, young children are particularly susceptible to second-hand smoke. Exposure is associated with an increased risk for sudden infant death syndrome, asthma, bronchitis, and pneumonia in young children.

Smokeless Tobacco

- Smokeless tobacco contains 28 cancer-causing agents (carcinogens). It increases the risk of developing cancer of the oral cavity.
- Smokeless tobacco use can lead to nicotine addiction and dependence.

Assistance Available to Students, Faculty, Staff and Their Families at EMU:

University Health Services:

Medical Services (734) 487-1122

Health Education Program (734) 487-2226

For further information or a pdf downloadable version of the policy go to www.emich.edu/uhs/tobaccopolicy.html

Acceptable Use of Information Technology Resources

Statement of Policy

Information technology resources are provided by Eastern Michigan University (EMU) to its students, faculty and administration in support of the University's mission. These resources include, but are not limited to, technologies and information resources required for information processing, storage, and communication, whether individually controlled or shared, stand-alone or networked. This includes in-lab and classroom technologies, electronic resources, and computing and electronic communication devices and services, both wired and wireless such as, but not limited to, computers, printers, hand held devices, e-mail, instant messages, blogs, Voice over Internet Protocol (VoIP), fax transmissions, voice, data, and video communication networks, multi-media, instructional materials, and academic and administrative systems. Personal equipment connected to the University

network is also subject to this policy. These guidelines apply to any user of any information technology resource provided by the University and attached to the University or Merit network.

This policy outlines your responsibility in the use of these resources and is based upon the following principles:

- Electronic resources are provided for the purpose of carrying out the mission of the University.
- Your use of information resources must comply with University policies and the law.
- Your use of these resources does not cause harm to others or the electronic resources themselves.
- You are expected to use these resources ethically and responsibly.

Access

A. Ownership

Information technology resources, systems, and services are the property of EMU. These include all components of the electronic communications, physical infrastructure, and any electronic communications address, number, account, or other identifiers associated with the University.

B. ACCESS

EMU provides and maintains an EMU Access ID for each registered student, faculty, staff and affiliates (upon special approval). EMU reserves the right to withdraw the service from anyone who misuses the system.

Access to specific resources may be provided by appropriate academic departments. Third Party individuals may be provided access to EMU information technology resources through sponsorship by an appropriate University administrator.

C. USE

Those who use EMU electronic communications services are expected to do so responsibly. They must comply with state and federal laws, with this and any other University policies and procedures, and with normal standards of personal courtesy and conduct.

Expectations

As a user of information technology resources at EMU, you can expect:

A. PROTECTION OF INBOUND AND OUTBOUND E-MAIL AND ATTACHMENTS

Information Technology (IT) makes reasonable efforts to scan inbound and outbound e-mail and attachments for spam. IT also routinely scans all e-mail for anything that could be a threat to the system such as viruses and Trojans. The scanning for threats may lead to a modification of e-mail headers, non-delivery of messages containing viruses or Trojan Horses (Trojans), deleting of attachments, and blocking of messages. IT reserves the right to block e-mail that exhibits characteristics of spam, viruses, Trojans or anything else that could threaten the University's network infrastructure or services.

B. ELECTRONIC COMMUNICATIONS AND FILES

EMU follows generally accepted security measures, but cannot guarantee electronic communications are completely protected from unauthorized access by individuals who possess the skill and desire to breach security measures. Therefore, e-mail and other types of electronic communications should not be used to communicate confidential or sensitive matters.

The University reserves the right to inspect, monitor and/or disclose electronic

communications in transit or storage without consent of the holder:

- When required by and consistent with law (i.e., search warrants, subpoenas, freedom of information requests).
- When there is a reason to believe a violation of law, University policy, rules, regulations or procedures has taken place.
- To maintain the security or performance of the infrastructure.

Employees must be aware that electronic communications.

- May be accessed and monitored in the normal course of business by system administrators.
- May be released to the public (as may be requested through the Freedom of Information Act).
- May require special measures for privacy protection.
- Are subject to discovery proceedings in legal actions.

Responsibilities

Protecting EMU's systems, data, and networks is the responsibility of everyone in the university community.

A. PROTECTING IT RESOURCES FROM PHYSICAL ACCESS

You are responsible for the physical security of information technology devices you use and the data they contain. Keep doors locked to protect equipment. Portable equipment such as notebook computers, Personal Digital Assistants (PDAs), and mobile phones must be secured whether on campus, traveling, or at home. Confidential or sensitive documents and data should be encrypted.

Keep your account secure by preventing others from getting access to your computer, or to the access port assigned to you.

B. PROTECTING IT RESOURCES FROM ELECTRONIC ACCESS

It is your responsibility to use effective passwords and to safeguard those passwords. Persons attempting to gain unauthorized access to a system often do so through user accounts, and your password is a safeguard against such access.

C. USE E-MAIL AND OTHER ELECTRONIC COMMUNICATIONS RESPONSIBLY

All University electronic communications are to be used in an ethical and responsible manner.

Messages such as e-mail should meet the same standards for distribution or display as if they were hard copy documents. Identify yourself clearly and accurately in all electronic communications.

Electronic communication files are owned by someone. They are assumed to be private and confidential unless the owner has explicitly made them available. If by accident you receive a confidential file, you should not share it with anyone else.

D. USING RESOURCES RESPONSIBLY, EFFICIENTLY, AND FAIRLY

Each user should make efficient use of network resources. Use high resource activities such as streaming media at high bit rates, at non-peak times. Do not use your computer as a server.

EMU faculty and staff may use the university information technology resources for incidental personal purposes provided such use does not:

- Directly or indirectly interfere with the University operations and services.
- Burden the University with noticeable incremental cost.
- Interfere with the user's employment or other obligations to the University.
- Violate the law, University policies or procedures, or reasonable standards of decency and civility.

Electronic records arising from such personal use may, however, be subject to the presumption of being a University Electronic Record.

E. COMPLYING WITH UNIVERSITY POLICIES, RULES, AND STATE AND FEDERAL LAWS

Users of EMU information technology resources agree to comply with applicable federal and state laws and the policies, standards, and procedures of the University and of Merit Network, Inc., the Internet service provider for the University.

Users shall abide by the EDUCOM code regarding ethical and legal use of software.

Respect for intellectual labor and creativity is vital to academic discourse and enterprise. This principle applies to works of all authors and publishers in all media. It encompasses respect for the right to acknowledgment, right to privacy, and right to determine the form, manner, and terms of publication and distribution.

All EMU employees and students shall use software only in accordance with the license agreement. To transfer the possession without permission, of any copy, modification or merged portion of any licensed program, whether gratuitously or for gain, violates this policy and is prohibited. Anyone who makes, acquires, or uses unauthorized copies of computer software or otherwise violates this policy shall be subject to disciplinary action in accordance with University policy. They may also be subject to personal liability under copyright law. Anyone using personal software on University devices must demonstrate evidence of ownership. See University policy 4.4 Copyright for more detail. To learn more about copyright and fair use visit Halle Library's Copyright at Eastern Michigan University web page.

Rules for Acceptable Use

Use only your account and password. Do not share them with anyone else. If you suspect someone may have discovered your password, change it immediately. Never use another user's account and password.

You are responsible for all activity on your account. This includes destructive or illegal activity by someone using your account identity.

Use EMU electronic communication systems legally. Do not use university-provided computing resources to do something illegal, threatening, or deliberately destructive or harmful. All complaints will be investigated. Student Judicial Services investigates complaints regarding students; the Chief Information Officer in conjunction with Human Resources' or other appropriate offices will investigate complaints regarding EMU faculty and staff. The police and the FBI and other federal law enforcement agencies investigate violations of state or federal law. Violations can result in disciplinary action, civil penalties, and criminal charges.

Obey copyright laws. Copyright protected materials include but are not limited to, software, music, written works, audio and videos, photographs, and electronic books (e-books). Do not use the intellectual property rights of another without written permission. Do not install, duplicate, download, store, transmit, or use software without a valid license. Do not distribute music, video, or other files illegally. Do not use your computer or other electronic device to copy, display, store, transmit, or distribute copyrighted or illegal materials.

Protect data that is protected, confidential or restricted.

- Confidential or restricted information must not be distributed or made available to persons who are not authorized to access the information. This applies to originals, copies, and new materials, which contain all or part of the information, and to oral communication of information. When restricted information is distributed, restrictions on its future distribution must be clearly stated, and followed.
- Provide physical security for information technology devices. Doors shall be locked to protect equipment when areas housing them are unattended. Portable equipment such as laptop computers, PDAs, and mobile phones must be secured. Particular care is needed when traveling and at home to protect these devices.
- Confidential or restricted information stored in a place, which is accessible by any unauthorized person, or on or in any media or device out of your office or off-campus must be protected by encryption using University standards.
- Report violations of University policies regarding use and/or disclosure of confidential or restricted information to the Information Security Office (487-0101).

Do not send or publish threatening or harassing communications or anything which may be reasonably classified as "hate" messages. If someone asks you to stop sending mail, stop sending it. If you fail to do so, the person can file a complaint, and you may be disciplined. If you believe you are being harassed, contact Student Judicial Services at 487-2157, or contact the Information Security Office. If you are concerned for your safety, call the EMU police at 911 or 734.487.1222.

Examples of inappropriate use of communication resources are listed below (this is not intended to be an exhaustive list). These actions may result in disciplinary action.

DO NOT:

- Send unsolicited e-mail messages, including the sending of "junk mail" or other advertising material to individuals who did not specifically request such material (e-mail spam).

- Solicit e-mail for any other e-mail address, other than that of the poster's account, with the intent to harass or to collect replies.
- Create or forward spam or e-mail bombing attacks (intentional e-mail transmissions that disrupt normal e-mail service).
- Send "chain mail" or send e-mail repeatedly that misuses or disrupts resources.
- Create or intentionally send viruses or other harmful programs or files.

Do not falsify or forge authentication, e-mail headers or other postings. Sending or posting electronic mail or other communications while misrepresenting or concealing the true identity of the sender or author is prohibited by this policy and may also be a violation of the law if done with intent to cause harm, commit fraud, conceal the sender of unsolicited commercial email, or otherwise violate the law.

Do not install or attempt to install malicious computer code on the device of another or on any University owned electronic resources.

Do not try to access a computer, the EMU system, or other devices without appropriate permission and without following proper login procedures. Do not try tapping

a network or running a "sniffer" program. Do not use software tools that attack Information Technology resources. Do not cause or allow access, modification or destruction of any files, programs, settings, or data transmitted or stored by any device without permission.

You may not receive or cause any personal financial or other gains from the use of any university-provided computing resources or from any output produced resulting from such use. You may not promote any commercial or non-university activity using university resources.

ALL activities listed above can result in severe penalties, including disciplinary action by Student Judicial Services, Human Resources, or the Offices of the President and Provost.

Consequences

Any employee found to violate federal or state of Michigan laws, EMU policies, procedures or standards of conduct, will be subject to disciplinary action under University policy. Any suspected violation of State or Federal laws will be reported to the appropriate legal authority for investigation.

Consequences for violations (in no particular order) include, but are not limited to:

- Verbal warnings.
- Revocation of access privileges.
- Disciplinary actions up to and including discharge.
- Criminal prosecution.

Any student found to violate federal or state of Michigan laws, EMU policies, procedures or standards of conduct, will be subject to disciplinary action under EMU's Student Code of Conduct. Any suspected violation of State or Federal laws will be reported to the appropriate legal authority for investigation.

Consequences for violations (in no particular order) include, but are not limited to:

- Verbal warnings.
- Revocation of access privileges.
- Disciplinary actions up to and including suspension or expulsion from school.
- Criminal prosecution.

If you break the law, you can be prosecuted. Even if you are not charged criminally, you can be held personally liable, and you can be suspended or dismissed from the University, or fired if you are an employee.

The University reserves the right to protect its electronic resources from threats of immediate harm. This may include activities such as disconnecting an offending computer system from the campus network, terminating a running job on a computer system, or taking other action.

Reporting an Incident

If an incident is a threat to personal safety, contact Campus Police at the Department of Public Safety, emergency 911 or non-emergency 734.487.1222.

To report an incident involving the misuse of Information Technology resources contact (by e-mail, letter or telephone) the Chief Information Officer (CIO) or the IT Security Office, the incident will be handled by staff at the appropriate University office.

Departmental administrators responsible for managing University information technology resources may temporarily disable user accounts or workstations connected to the network if violations of this policy are suspected and they must notify the CIO of all such actions.

When an incident is reported, the CIO, IT Security Office and/or the Campus Police may as needed and appropriate consult with the Office of the President, the Office of Legal Affairs, Staff and Academic Human Resources Offices, and other University Offices/Departments.

Authoritative Source

The authority for this policy is Eastern Michigan University policy 15.2 "Information Technology Security and Confidentiality" and the responsibility for its implementation rests with the Chief Information Officer.

December 2008

EDUCOM Code

Respect for intellectual labor and creativity is vital to academic discourse and enterprise. This principle applies to works of all authors and publishers in all media. It encompasses respect for the right to acknowledgment, right to privacy and right to determine the form, manner and terms of publication and distribution. Because electronic information is volatile and easily reproduced, respect for the work and personal expression of others is especially critical in computer environments. Violations of authorial integrity, including plagiarism, invasion of privacy, unauthorized access and trade secret and copyright violations, may be grounds for sanctions against members of the academic community.

Using Software: A Guide to the Ethical and Legal Use of Software for Members of the Academic Community issued by EDUCOM and ADAPSO

Software enables us to accomplish many different tasks with computers. Unfortunately, in order to get their work done quickly and conveniently, some people justify making and using unauthorized copies of software. They may not understand the implications of their actions or the restrictions of the U.S. copyright law.

Here are some relevant facts:

1. Unauthorized copying of software is illegal. Copyright law protects software authors and publishers, just as patent law protects inventors.

2. Unauthorized copying of software by individuals can harm the entire academic community. If unauthorized copying proliferates on a campus, the institution may incur a legal liability. Also, the institution may find it more difficult to negotiate agreements that would make software more widely and less expensively available to members of the academic community.
3. Unauthorized copying of software can deprive developers of a fair return for their work, increase prices, reduce the level of future support and enhancement and inhibit the development of new software products.

Respect for the intellectual work and property of others has traditionally been essential to the mission of colleges and universities. As members of the academic community, we value the free exchange of ideas. Just as we do not tolerate plagiarism, we do not condone the unauthorized copying of software, including programs, applications, data bases and code.

Therefore, we offer the following statement of principle about intellectual property and the legal and ethical use of software. This "code"--intended for adaptation and use by individual colleges and universities-- was developed by the EDUCOM Software Initiative.

Software and Intellectual Rights

Respect for intellectual labor and creativity is vital to academic discourse and enterprise. This principle applies to works of all authors and publishers in all media. It encompasses respect for the right to acknowledgment, right to privacy, and right to determine the form, manner, and terms of publication and distribution.

Because electronic information is volatile and easily reproduced, respect for the work and personal expression of others is especially critical in computer environments. Violations of authorial integrity, including plagiarism, invasion of privacy, unauthorized access, and trade secret and copyright violations, may be grounds for sanctions against members of the academic community.

Questions You May Have about Using Software

- A. *What do I need to know about software and the U.S. Copyright Act?*
Unless it has been placed in the public domain, software is protected by copyright law. The owner of a copyright holds exclusive right to the reproduction and distribution of his or her work. Therefore, it is illegal to duplicate or distribute software or its documentation without the permission of the copyright owner. If you have purchased your copy, however, you may make a back-up for your own use in case the original is destroyed or fails to work.
- B. *Can I loan software I have purchased myself?*
If your software came with a clearly visible license agreement, or if you signed a registration card, read the license carefully before you use the software. Some licenses may restrict use to a specific computer. Copyright law does not permit you to run your software on two or more computers simultaneously unless the license agreement specifically allows it. It may, however, be legal to loan your software to a friend temporarily as long as you do not keep a copy.
- C. *If software is not copy-protected, do I have the right to copy it?*
Lack of copy-protection does not constitute permission to copy software in order to share or sell it. "Non-copy-protected" software enables you to protect your investment by making a back-up copy. In offering non-copy-protected software to you, the developer or publisher has demonstrated significant trust in your integrity.
- D. *May I copy software that is available through facilities on my campus, so that I can use it more conveniently in my own room?*
Software acquired by colleges and universities is usually licensed. The licenses restrict how and where the software may be legally used by members of the community. This applies to software installed on hard disks in microcomputer clusters, software distributed on disks by a campus lending library and software available on a campus mainframe or network. Some institutional licenses permit copying for certain purposes. Consult your campus authorities if you are unsure about the use of a particular software product.
- E. *Isn't it legally "fair use" to copy software if the purpose in sharing it is purely educational?*

No. It is illegal for a faculty member or student to copy software for distribution among the members of a class, without permission of the author or publisher.

Alternatives to Explore

Software can be expensive. You may think that you cannot afford to purchase certain programs that you need. But there are legal alternatives to unauthorized copying.

Site Licensed and Bulk-Purchased Software

Your institution may have negotiated agreements that make software available either to use or to purchase at special prices. Consult your campus computing office for information. Software available through institutional site licenses or bulk purchases is subject to copyright and license restrictions, and you may not make or distribute copies without authorization.

Shareware

Shareware, or "user-supported" software, is copyrighted software that the developer encourages you to copy and distribute to others. This permission is explicitly stated in the documentation or displayed on the computer screen. The developer of shareware generally asks for a small donation or registration fee if you like the software and plan to use it. By registering, you may receive further documentation, updates and enhancements. You are also supporting future software development.

Public Domain Software

Sometimes authors dedicate their software to the public domain, which means that the software is not subject to any copyright restrictions. It can be copied and shared freely.

Software without copyright notice is often, but not necessarily, in the public domain. Before you copy or distribute software that is not explicitly in the public domain, check with your campus computing office.

A Final Note

Restrictions on the use of software are far from uniform. You should check carefully each piece of software and the accompanying documentation yourself. In general, you do not have the right to:

1. Receive and use unauthorized copies of software, or
2. Make unauthorized copies of software for others.

If you have questions not answered by this brochure about the proper use and distribution of a software product, seek help from your computing office, from the software developer or publisher.

Copyright 1987 EDUCOM AND ADAPSO

MichNet Policies

MichNet Acceptable Use Policy

30 May 2006

Purpose

This Policy is a guide to the acceptable use of Merit Network facilities and services (Services). Any Member or Affiliate organization or individual connected to Merit's network in order to use it directly, or to connect to any other network(s), must comply with this policy and the stated purposes and Acceptable Use policies of any other network(s) or host(s) used.

Each Member and Affiliate organization is responsible for the activity of its users (including guests and other temporary users) and for ensuring that its users are familiar with this policy or an equivalent policy. In addition, each Member and Affiliate is encouraged to maintain and enforce its own Acceptable Use policies. The provisions of this policy govern all use of the Services, including any unsupervised anonymous network access offered by Members or Affiliates.

The following guidelines will be applied to determine whether or not a particular use of the Services is appropriate:

1. Users must respect the privacy of others. Users shall not intentionally seek information on, or represent themselves as, another user unless explicitly authorized to do so by that user. Nor shall Users obtain copies of, or modify files, other data, or passwords belonging to others.
2. Users must respect the legal protection applied to programs, data, photographs, music, written documents and other material as provided by copyright, trademark, patent, licensure and other proprietary rights mechanisms.
3. Users must respect the integrity of other public or private computing and network systems. Users shall not intentionally develop or use programs that harass other users or infiltrate any other computer, computing system or network and/or damage or alter the software components or file systems of a computer, computing system or network.
4. Use should be consistent with guiding ethical statements and accepted community standards. Use of the Services for malicious, fraudulent, or misrepresentative purposes is not acceptable.
5. The Services may not be used in ways that violate applicable laws or regulations.
6. The Services may not be used in a manner that precludes or significantly hampers network access by others. Nor may the Services be used in a manner that significantly impairs access to other networks connected to Merit.
7. Connections which create routing patterns that are inconsistent with the effective and shared use of the Services may not be established.
8. Unsolicited advertising is not acceptable. Advertising is permitted on some Web pages, mailing lists, news groups and similar environments if advertising is explicitly allowed in that environment.
9. Repeated, unsolicited and/or unwanted communication of an intrusive nature is strictly prohibited. Continuing to send e-mail messages or other communications to an individual or organization after being asked to stop is not acceptable.

The intent of this policy is to identify certain types of uses that are not appropriate, but this policy does not necessarily enumerate all possible inappropriate uses. Using the guidelines given above, Merit may at any time make a determination that a particular use is not appropriate.

Merit will not monitor or judge the content of information transmitted via the Services, but will investigate complaints of possible inappropriate use. In the course of investigating complaints, Merit staff will safeguard the privacy of all parties and will themselves follow the guidelines given in this policy and in Merit's Privacy Policy. Merit will only release sensitive, confidential or personally identifiable information to third parties when required by law, or when in Merit's judgment, release is required to prevent serious injury or harm that could result from violation of this policy.

Remedial Action

When Merit learns of possible inappropriate use, Merit staff will notify the Member or Affiliate responsible, who must take immediate remedial action and inform Merit of its action. Merit will assist the Member or Affiliate in identifying the nature and

source of the inappropriate use and in implementing remedial action if requested. Provided the Member or Affiliate implements remedial action promptly, Merit will take no further action. If Merit is unable to contact the Member or Affiliate, or if the Member or Affiliate is unable to implement remedial action, Merit reserves the right to pursue remedial action independently. Wherever possible, Merit will pursue remedial action with the least impact to the overall service for the Member or Affiliate.

Should the situation be considered an emergency, and Merit deems it necessary to prevent further inappropriate activity, Merit may temporarily disconnect a Member or Affiliate from the network. An emergency is defined as: "Serious security incidents that require immediate attention to prevent harm to an individual, to protect information from loss or damage that would be difficult or impossible to correct or to deal with serious on-going denial of service attacks."

If temporary disconnection is deemed necessary by Merit staff, every effort will be made to inform the Member or Affiliate prior to disconnection, and every effort will be made to re-establish the connection as soon as it is mutually deemed safe.

Any determination of inappropriate use serious enough to require disconnection shall be promptly communicated to every member of the Merit Board of Directors through an established means of publication.

Students

Catalog Terminology

Prerequisites

A course or requirement that needs to be met prior to taking another course.

Concurrent Prerequisites

A course or requirement that needs to be met either before or at the same time as another course is taken.

Corequisites

A course or requirement that needs to be taken at the same time as another course.

Class Restrictions

A restriction on whether you have to be a Freshmen, Sophomore, Junior, Senior or Graduate student to take the course.

Major Restrictions

A restriction on whether you have to be in a specific program to take the course.

Cross-listed with

Some courses are listed under multiple departments. HIST335 is cross-listed with WGST335. They are the same class but since the class involves both history and women and gender studies the course is listed under both departments.

Frequently Asked Questions

Catalog Questions

Q. Which catalog should I be using?

A. Each student should use the catalog that was current during the first semester they started school at Eastern or any catalog that is published from there after.

General Education Questions

Q. What is the difference between a "General Education" requirement and a "Major" requirement?

A. Major requirements are courses that need to be taken or requirements that need to be met for the program of study being taken by a department. General Education requirements are a set of courses and requirements that all Undergraduates need to take by the University to graduate.

Q. What are the General Education requirements?

A. Current General Education requirements can be found at: catalog.emich.edu/content.php

Q. How do I know if a course satisfies a General Education requirement?

A. The following are ways to identify a course as one that satisfies a General Education requirement:

1. Next to the course name is (Gen Ed Area III)
2. This icon appears in the course information

Q. What is a General Education audit?

A. A General Education audit is when someone checks to see if you've completed all of the general education requirements. General Education Checklists can be found below.

1. Checklist for students who started EMU as a Freshmen: General Education Checklist
2. Checklist for students that transferred to EMU: General Education Checklist

Degree Questions

Q. When to register

A. The following websites give more information on registration and registration appointments:

<http://www.emich.edu/registrar/calendars/appointments.php>
http://www.emich.edu/registrar/registration_info/

Q. What is a Graduation audit?

A. Students who have completed 95 credit hours or more should request a graduation audit by completing the required form at the Office of Records and Registration, 303 Pierce Hall, or completing the form usually printed in the class schedule book each semester.

The form requires the student to record their expected date of graduation, legal name, social security number and major(s) and minor(s) elected. In addition, a check list is provided for degree expected and teacher certification expected. Accurate information is essential.

Forms are filed in the Office of Records and Registration and processed according to expected graduation date. A graduation auditor checks the credit hours taken and records the credit hours still needed. One copy of this audit is mailed to the student and another copy is filed. Students should receive their audits a semester before they apply for graduation. A graduation audit does not take the place of regular, thorough advising.

Students may return the forms by mail or in person to Room 303 Pierce Hall. Time is required by the office staff for processing, and immediate responses to requests for information cannot be made at the time of the request.

Q. How do I declare a major?

A. Fill out the information at the following website: <http://www.emich.edu/aac/majmin.htm>

Q. When should I meet with an advisor?

A. At least once during your first year at Eastern and once you declare your major. You can also meet with your advisor prior to registering for class each term or if there have been any academic problems.

Other EMU FAQ

Office of Records and Registration FAQ

<http://www.emich.edu/registrar/faq/>

Financial Aid FAQ

<http://www.emich.edu/finaid/quicklinks/index.php>

Academic Advising FAQ

<http://www.emich.edu/aac/faqs.htm>

Transfer Students FAQ

www.emich.edu/admissions/undergrad/transfer_students/faq.php

University Health Services FAQ

<http://www.emich.edu/uhs/pages/faq.php>

Honors College FAQ

<http://www.emich.edu/honors/about/faq.html>

First-Year Students FAQ

http://www.emich.edu/admissions/undergrad/first_year/faq.php

Office of International Students FAQ

<http://www.emich.edu/ois/faq.html>

Child Care FAQ

<http://www.emich.edu/childrensinstitute/pages/faq.php>

Parents FAQ

<http://www.emich.edu/admissions/undergrad/parents/faq.php>

Eagle Mail FAQ

<http://www.emich.edu/training/email/cal/cal-5-faq.php>

Mail Services FAQ

http://www.emich.edu/purchasing/ms_faq.htm

ResNet and Internet FAQ

<http://it.emich.edu/resnet/faq.cfm>

<http://it.emich.edu/howdoi/>

Student Affairs & Campus Services

Click on a link to be taken to the entry below.

- Campus Services
 - Career Services Center
 - Students with Disabilities Office
 - Children's Institute
 - Cooperative Education
 - Counseling Services
 - Health Education and Wellness Programs
 - Holman Learning Center
 - Student Center
 - Campus Life
 - Department of Diversity and Community Involvement
 - Office of International Students
 - Ombudsman
 - University Health Services
 - Student Government
 - University Student Identification Card
 - Veteran Services Office
- Campus Living
 - Housing
 - Residence Halls
 - Apartments on Campus
 - Dining Services
 - Student Rights and Responsibilities
 - University Governance and Individuals' Rights

Campus Services

Career Services Center

Career Services Center

Address: 200 McKenny Hall

Phone: 734.487.0400

Fax: 734.487.0940

Web site: <http://career.emich.edu>

Satellite Office

College of Business

Address: 210 Owen Building

Phone: 734.487.4099

The Career Services Center (CSC) helps students plan their careers, develop job search skills, obtain career-related work experience during their academic career and secure jobs upon graduation. Programs and services include student employment, cooperative education, job fairs, résumé referral, and on-campus recruiting. In the area of career planning, CSC provides personality, interest and values inventories, computerized career guidance services and personal career counseling. In addition, CSC offers an assortment of reference materials on career opportunities, self-assessment, employer literature and many other career-related items. These services are available at CSC's main office in McKenny Hall with a more limited range of services at the COB satellite location.

CSC focuses on helping students select majors and occupational fields early in their academic careers. Assistance is provided

through self-assessment, information about occupations and opportunities to secure employment and volunteer experience in career-related fields. Through its nationally recognized Professional Experience Programs (PEP), CSC assists students in obtaining such career-related work experiences as internships and cooperative education placements. These experiences help students gain exposure to their chosen career fields and gain the hands-on work experience that most employers now expect from college graduates. Academic credit can be earned for many of the PEP jobs. Students should begin participation in PEP as early as their freshman year.

Additional job opportunities are offered through CSC's student employment area. This is the central clearinghouse for all on-campus job openings for students as well as for job openings near campus and in surrounding communities. CSC also maintains an extensive listing of summer employment jobs available with camps, parks, resorts, businesses and government agencies throughout the country. As with other student employment positions, these jobs give students practical work experience and a chance to earn money toward college expenses. The Career Services Center also assists seniors, graduate students and alumni in seeking employment after graduation and obtaining professional advancement throughout their careers.

Available services include:

- Resumé, interviewing and job search strategy workshops
- *Job Choices* manual available to all seniors
- EagleCareers.erecruiting.com online posting service
- On-campus recruiting interview program
- Resumé referral program
- Three large annual job fairs that attract hundreds of employers plus several other smaller fairs
- Free drop-off resumé critiquing service

Finally, each year CSC posts more than 30,000 job listings and has more than 250 employers who participate in the on-campus interview program.

Students with Disabilities Office

Address: EMU Student Center, Room 220

Phone: 734.487.2470

TTY: 734.487.2470

Web site: www.emich.edu/disabilities

Students with physical, learning or psychological disabilities, sensory impairments or chronic health conditions must register with the Students with Disabilities Office (SWDO) in order to receive accommodations. Typical accommodations include extended time for examinations, the ability to take examinations in a distraction-free environment, access to adaptive technology, sign language interpreters, books on tape and note takers. However, all accommodations are determined on a case-by-case basis according to each student's documented limitations. The SWDO also works closely with faculty members and other University departments, such as Housing and Campus Life, to ensure that students with disabilities receive the accommodations they need to participate in all University programs, services, and activities. All disability information is strictly confidential and students are encouraged to contact the SWDO to discuss their individual needs.

Children's Institute

Address: 103 Rackham Hall

Phone: 734.487.2348

Fax: 734.487.0286

Web site: www.emich.edu/uhs/children.html

Hours: Monday-Friday, 7:30 a.m. to 5:30 p.m.

The EMU Children's Institute, accredited by the National Association for the Education of Young Children, offers high-quality early childhood education programming to families of Eastern Michigan University and surrounding communities. We offer varied programs designed to meet the needs of students and working families.

The Institute provides high-quality care and education for children ages 18 months through six years. Full and half-day programs are available for toddlers, preschoolers, and kindergartners. A special arrangement with the Ypsilanti Public School System provides transportation to and from Perry Child Development Center for the morning kindergarten program. We also offer a full-day kindergarten program at the Children's Institute.

The EMU Children's Institute serves as the practicum placement site for students preparing to be early childhood education teachers. Practicum students are closely supervised by professional classroom teachers and University faculty members.

Flights of Imagination, the summer day camp program at the Children's Institute, offers exciting and varied programs for children entering kindergarten and first grade, supervised by professional teaching staff, with EMU students as camp counselors. Camp is offered as eight weekly sessions.

Activities at the Children's Institute are play-based and developmentally appropriate, and designed to meet the needs of each child in the group. Teaching staff have completed coursework and hold degrees/advanced professional degrees in early childhood education. Staff training and in-service days are conducted throughout the year.

Cooperative Education

The Program

Cooperative education (co-op) is a unique educational plan designed to enhance academic studies and assist students in attaining career goals. The Career Services Center and academic departments cooperate with business and industry as well as private and public agencies in developing work assignments that parallel the student's academic program. Co-op provides direct, hands-on experience while adding practical dimensions to the student's academic background. Students typically earn wages and academic credit for each co-op job assignment. (For Career Services Center locations [click here](#).)

Benefits to the Student

- Increases employment opportunities upon graduation. Approximately 70 percent of co-op participants are offered permanent jobs by their employers upon graduation.
- Awards college credit while the student is being paid to work. Co-op students also earn wages significantly higher than most student employment opportunities offer.
- Increases earning and promotional potential. Co-op students start between five and 10 percent above normal entry-level salaries after graduation.
- Offers on-the-job training related to course of study. Co-op students typically perform professional level assignments.
- Links classroom and work place. Co-op placements provide the opportunity to apply academic studies while bringing career goals into focus.

Eligibility/Application

Most students must be at least of junior standing with 12-15 credit hours or prerequisites completed in the major. The College of Business (COB) and the College of Health and Human Services (CHHS) will consider second-semester sophomores in selected majors. Note that eligibility and prerequisites vary based on major/minor and that departmental approval is required in most cases. A first step in pursuing a co-op is to speak with an advisor in your program of study to determine application procedures.

Grade Point Average

A 2.5 cumulative GPA is required unless waived by faculty sponsor. Students on academic probation are not eligible to participate.

Academic Credit

Generally three credits are awarded for each placement, but this may vary by major and department. Work experiences are graded on a credit/non-credit basis.

Internships

Students interested in an internship are encouraged to seek information from their departmental office regarding placement assistance and application materials. Requirements may vary by department and academic discipline. The Career Services Center provides listings for internships at EagleCareers.eRecruiting.com and also has print materials about internship opportunities at their main office in 200 McKenny Hall. Students are encouraged to identify opportunities, seek departmental approval and apply directly.

Pre-Professional Internships

The Career Services Center facilitates the Pre-Professional Internship (PPI) program which is available for freshmen and sophomores in all academic majors at any class level. This program offers up to six elective credits for work experience that has allowed students to explore career options. For additional information go to <http://career.emich.edu>.

Counseling Services

Address: 313 Snow Health Center

Phone: 734.487.1118

Fax: 734.481.0050

Web site: www.emich.edu/uhs/counseling.html

Hours: Monday – Friday, 8 a.m. to 5 p.m.

Counseling Services provides:

- Free, confidential, personal counseling for EMU students
- Informative, interactive workshops and presentations in classrooms and other locations on topics including managing depression, resolving communication and relationship problems, building self esteem, addressing anger and test anxiety, among others
- Crisis response and support
- Screening for depression and other concerns
- Consultation with faculty and staff about student and classroom issues
- Self-help lending library

Professional, licensed psychologists and counselors provide services. Graduate students completing internships also provide services under professional staff supervision.

All registered EMU students are eligible for services. Appointments can be made by phone or in person. Counseling is confidential and at no cost to students.

Health Education and Wellness Programs

Address: Snow Health Center, Third floor

Phone: 734.487.2226

Fax: 734.481.0050

Web site: www.emich.edu/uhs/healthed.html

Health Education provides comprehensive health and wellness services and programs aimed toward the enhancement of academic achievement and the promotion of healthy lifestyles. Some of the services include:

- Alcohol, tobacco, and other drug prevention and education programs, screenings and assessments
- Checkpoint Program
- HIV counseling/testing and referral services
- Health Resource Library

- Classroom and workshop presentations
- CloseUP Theatre Troupe
- Violence Intervention Program (VIP)
- CPR/First Aid certification classes

Holman Learning Center

Peg Carter, director

Judy Mack, Learning Center specialist/Tutor Coordinator

Art Hoover, project coordinator

Sally Hattig, Supplemental Instruction coordinator

Rebekah McDow, office supervisor

Address: Bruce T. Halle Library, Room G04

Phone: 734.487.2133

TTY: 734.487.2482

E-mail: learning.center@emich.edu

Web site: www.tlc.emich.edu

Holman Learning Center (TLC) provides students with a campus-wide network of learning assistance programs designed to develop independent learning skills necessary for academic success.

Tutor Programs

TLC provides the following tutoring assistance programs: 1) Individual tutors available to undergraduate students who wish to work one-on-one with a peer tutor to improve their understanding of a particular course. Individual tutoring is nonremedial and free. 2) Supplemental Instruction (SI) to assist students who are enrolled in a first-year large lecture course to develop effective study strategies. A SI leader will lead small discussions on note-taking, study strategies and test-taking and relate the skills to the specific large lecture course.

Student Academic Success

TLC focuses on the academic success of each student during their career at Eastern Michigan University. The office continues to create new and innovative programs focusing on new students to the University and students referred to the office by other departments or faculty. These programs include the following: 1) First-Year Academic Support Program links students, faculty and parents to facilitate the student's transition into higher education and to maximize academic success. 2) Skill-building workshops expose students to information on test-taking strategies, time management, how to efficiently take notes in class and preparing for final exams. Workshops are presented in freshman residence halls, the Student Center and Halle Library. 3) Peer support sessions offer students an opportunity to talk to graduate students to get help navigating the University environment and charting a positive, goal-oriented plan for academic success.

Pre-College Programs

Pre-college programs also provide an avenue for promoting academic achievement and success. TLC coordinates the following pre-college programs: 1) Martin Luther King, Jr./César Chávez/Rosa Parks (KCP) College Days programs brings eighth- through 12th- grade students to campus and exposes them to college life. The program builds self-esteem and motivation and introduces participants to a variety of career options. 2) The Wade McCree Scholarship program awards 20 general fund scholarships each fall to underrepresented students entering the ninth grade. 3) The Summer Incentive Program (SIP) offers high school seniors showing potential for academic success an opportunity to take three college courses, live on campus and work in the campus office during the summer. Participants who successfully complete the summer program are admitted to EMU in the fall.

Retention Tracking

Retention research provides the University with the information required for strategic planning and creation of new and effective University-wide programs aimed at retention and student success. The programs and student populations TLC currently tracks

are all first time in any college (FTIAC), first-year interest groups (FIGs), and the Promote Academic Survival and Success (PASS) populations. Programming for these student populations is a collaborative effort involving both Enrollment Management and Academic Affairs.

The EMU Student Center

Address: 900 Oakwood St., Rm. 370, Ypsilanti, MI 48197

Phone: 734.487.1157

Fax: 734.487.0493

Web site: <http://www.emich.edu/studentcenter>

The EMU Student Center is the interactive heart of student life at Eastern. The building's concave east side architecturally declares the Student Center's intent to "embrace" the campus and act as a unifying force in the daily life of Eastern. This unifying mission is further reinforced in the Student Center's mix of facilities, services, and programs designed to create an environment to attract and serve students, faculty, staff, and the local community. The Student Center helps build a powerful and positive, diverse and collegiate, academic community at EMU. The Student Center is immediately adjacent to the Halle Library on the south and the Recreation/Intramural building on the southeast, and is near the academic core of the campus. The east side of the Student Center is a three-story glass wall that overlooks University Park.

The EMU Student Center's first floor consists of the EMU Bookstore operated by Follett, fireplace lounge, state of the art 250-seat auditorium, food court with comfortable seating for 450, Wendy's, Subway, Taco Bell/KFC, Sbarro's, Green Market Bistro, convenience store, TCF Bank, Eagle Card Office, Apple store, ticket office, and a gaming center. The second floor consists of the grand ballroom with banquet-style seating for 650, pre-function fireplace lounge, University Art Gallery, Student Center Art Gallery, Admissions Welcome Center, University Information Center, Service EMU, Office of International Students, New Student Programs, Student Judicial Services, Students with Disabilities Office, 24/7 computer lab, Commuter Central and lounge, and Starbucks Coffee. The third floor consists of meeting rooms including the Native American inspired Kiva Room, Event Planning Office, Student Center Administration, and the Center for Student Involvement that includes Student Government, Greek organizations, student organizations, Campus Life, Diversity and Community Involvement Programs, and VISION. For additional information about the EMU Student Center visit www.emich.edu/studentcenter. The Campus Information Center on the second floor of the Student Center can provide more information on the Center's programs and services. Call the friendly staff at 734.487.1157.

Campus Life

Address: 345 EMU Student Center

Phone: 734.487.3045

FAX: 734.480.1927

Web site: www.emich.edu/campuslife

Campus Life offers student-centered learning, development and involvement activities that challenge and support the unique gifts, needs, experiences and interests of our students, our professional staff members and members of the broader campus community.

- **Arts, Intellectual, Cultural and Entertainment Programs**
Offering social engagement and aesthetic literacy experiences through a variety of activities including late night/evening/weekend programs, intellectual/cultural experiences, guest speakers and artists, student performances, films and more.
- **Commuter Life**
Providing access to an array of services designed to support commuter students including Service EMU, temporary and one-night campus housing for commuters, commuter scholarships and Student Legal Services. Also serving the transition, student involvement and engagement needs of commuters through commuter orientation, the Commuter Student Association, and campus activities.

- **Leadership and Student Involvement**
Providing students with opportunities to enhance their personal and professional skills through student volunteer boards, student employment experiences, and an array of leadership development programs.
- **Orientation and Transition Programs**
Offering programs, services and resources assisting students to transition successfully into and through their college career including Fusion: New Student Orientation for freshmen, transfer and adult students, the MyFY Website, First Year Mentor Program, and Real Beginnings.
- **Student Organizations and Greek Life**
Providing programs, services, resources and advocacy for student organizations, including fraternities and sororities, to function safely and effectively, contributing positively to the EMU community.

Department of Diversity and Community Involvement

Diversity Programs

Address: EMU Student Center, 3rd Floor

Phone: 734.487.3118

Fax: 734.487.6910

Web site: www.emich.edu/dci

Volunteerism and Community Service

EMU Student Center, 3rd Floor

Phone: 734.487.3045

Fax: 734.480.1927

Web site: www.emich.edu/vision

The **Department of Diversity and Community Involvement (DCI)** offers numerous opportunities for engagement and learning beyond the classroom. DCI provides opportunities for students, faculty, and staff to get involved in social justice education, programming, and activism.

Diversity and Community Involvement comprises four centers: the **Center for Multicultural Affairs**, the **Lesbian, Gay, Bisexual, Transgender Resource Center (LGBTRC)**, **VISION** (Volunteers Incorporating Service into our Neighborhoods), and the **Women's Center**. The Center for Multicultural Affairs, LGBTRC and the Women's Center offer a variety of programming and services promoting diversity and inclusion. The Centers recognize, support, and celebrate diverse student populations; promote academic, personal, social and professional development of diverse student populations; provide information, resources, and referral services; and help faculty and staff teach effectively in a diverse University setting. Examples of our programming include Cultural Heritage Celebration Months, Out Month, Lavender Role Models and Mentors, Take Back the Night, and *The Vagina Monologues*.

VISION Volunteer Center – the fourth of DCI's Centers – offers opportunities for students to get involved in service. **VISION** helps students learn about social issues, address community needs and strengthen community partnerships. Our student-led programs include Alternative Breaks, America Reads, Best Buddies, GREEN, Habitat for Humanity, Jumpstart, Kid Konnection, Students Against Hunger and Homelessness, and One-Day Events.

Office of International Students

Address: 244 EMU Student Center

Phone: 734.487.3116

Web site: www.emich.edu/ois

The Office of International Students extends a welcome to all international students pursuing educational goals at Eastern Michigan University. Concerned, responsible and professional staff is available to assist students in any matter, including orientation, advice on immigration issues, academic, financial, employment and personal concerns. The staff also provides the preparation of documents needed to maintain favorable status in this country.

This office serves as a consultant to faculty and staff on international student affairs, acts as a catalyst for the development of various international connections in the University and/or community to promote international education and understanding, and initiates enhancement programs such as cross-cultural activities on and off-campus.

International students are encouraged to make regular contact with the office.

Ombudsman

Address: 112 Welch Hall

Phone: 734.487.0074

Fax: 734.487.7170

Web site: www.emich.edu/ombuds

The ombudsman facilitates the resolution of individual complaints which do not have a formal avenue of redress through official University channels. The ombudsman advises students on University policy and procedures, identifies and recommends changes to current practices, and communicates student concerns/issues to appropriate University officials. In addition, the ombudsman presents workshops, conducts needs assessments and mediates disputes.

In the event of an emergency, the ombudsman is the main contact between the student, the student's family and the University. When a student emergency exists, the ombudsman has the responsibility for notifying the student's instructors, and for contacting family members and other appropriate personnel.

University Health Services

Address: Snow Health Center Main Floor

Phone: 734.487.1122

Fax: 734.487.2342

Web site: www.emich.edu/uhs

Hours: Monday-Friday 8 a.m. to 5 p.m.

The center is closed during official university closings. Appointments are preferred, but walk-ins can usually be accommodated.

All currently enrolled students, faculty, staff and their spouses at Eastern Michigan University are eligible for services.

Medical Services provides treatment as well as preventive services for a wide range of acute, episodic and ambulatory medical conditions, some of which include:

- Evaluation and treatment for minor illness and injury
- Physical examinations
- Allergy shots, immunizations, meningitis shots, TB testing and flu shots
- Women's health care including annual exams, diagnosis and treatment for infections, birth control and pregnancy tests
- X-ray and laboratory tests

Snow Health Center is a fully staffed medical facility. The professional team includes physicians, nurse practitioners, nurses and technologists who have specialized in the health and lifestyle concerns of young adults. In addition, faculty and residents from St. Joseph Mercy Hospital work with the staff in a collaborative program to provide services.

The EMU Student Health Insurance policy, sponsored by Student Government, is accepted in full for covered services after co-pays are met. The EMU policy can be reviewed and purchased online at www.uhcsr.com

Pharmacy

Address: Snow Health Center, Main Floor

Phone: 734.487.1125

Fax: 734.487.0273

Web site: www.emich.edu/uhs

The pharmacy is licensed by the State of Michigan and provides quality pharmaceutical services with an emphasis on patient counseling regarding your medication(s), issues involving possible drug interactions, proper use and storage of your medication(s), dosage and side effects. The pharmacy can fill prescriptions written by licensed physicians in Michigan as well as most prescriptions written by out-of-state licensed providers. We participate with many prescription insurance plans. The pharmacy also maintains a variety of over-the-counter products, including no-prescription medications.

Student Government

Governed by the President (elected each spring)

Address: 342 EMU Student Center

Phone: 734.487.1470

Web site: www.emich.edu/studentorgs/studentgov

Student Government at EMU is committed to improving the quality of student life on campus. The student body each spring elects a president, vice president and 24 senators who, along with representatives appointed from various organizations, compose the Student Senate. The executive officers and members provide input to the administration of the University to help solve problems and improve programs and services. Student Government also sponsors campus-wide events and trips to Lansing to meet with state legislators.

Not only do student representatives get valuable experience in the process of government, but they also represent the University on local, state and national levels. Any EMU student may run for a Student Government position. Interested students are also welcome to serve on Student Government committees and University advisory groups.

University Student Identification Card

EagleOne Card Office

Address: EMU Student Center, First Floor

Phone: 734.487.3176

Web site: <http://it.emich.edu/eagleonecard/>

A valid Eastern Michigan University identification card is required for many services on campus including the use of special facilities. To obtain a University identification card, students must be registered for at least one class for the current or upcoming semester. You will need one piece of valid picture identification and a copy of your class schedule. Visit the EagleOne Card Office web site for office hours and updated information.

Veteran Services Office

Shaftone Dunklin, Director

Address: 246 McKenny Hall

Phone: 734.487.3119

Fax: 734.487.5060 Web site: www.emich.edu/veterans

The Veteran Services Office (VSO) coordinates all campus services for veterans who are pursuing their education at EMU. It is the resource center for veterans' benefits; veterans must report successful academic progress, class drops and adds, and/or relevant changes in personal status to the VSO in order to maintain benefits.

The office assists veterans in housing and financial aid, and works closely with disabled veterans to provide full educational benefits. Veterans should direct all questions to a representative of this office.

Campus Living

Housing

Address: Housing and Dining Services Office (lower level, The Commons)

Phone: 734.487.1300

Fax: 734.487.8513

E-mail: housing@emich.edu

Web site: www.emich.edu/housing/halls.php

Hours: Monday-Friday, 8 a.m. to 5 p.m.

Residence Halls

Eastern Michigan University's residence system provides housing for over 3,000 students, staff and faculty. Housing options include both traditional residence halls and apartments. Our 12 residence halls offer six room layouts to choose from. You can live in a double room, co-ed hall or upperclass single hall. Features include laundry and kitchen facilities, TV and study lounges, cable television, local telephone service and recreational amenities. All halls feature reception desk services and in-room network connections for Internet and e-mail service. Residence hall staff provide educational and recreational programs and promote the safety and welfare of residents.

According to Eastern Michigan University policy, all first-year unmarried students shall be required to live in University residence halls, contingent on space availability. Sophomore students may be required to live on campus as well, space permitting. Please see "Policies Affecting You" in the Indices for the complete policy.

Academic and Personal Success

Studies show that students are more likely to succeed academically and personally if they live in a residence hall. Part of the reason is the variety of academic and student support programs offered. Our Residence Education Program promotes staff organized study skills workshops and provides a nightly study center that creates a quiet, spacious atmosphere for studying.

Residence hall staff also conduct a number of informative programs on such topics as financial aid, health, fitness and personal relationships as well as recreational programming designed to promote community development and enhance your residence life experience.

Make Your Room Special

You'll be amazed at what you can do with your residence hall room. We'll supply the basic furnishings: desk, chairs, bed, dressers and window treatments. Part of the fun of living in a hall is making it feel like home. Check www.emich.edu/housing/whattobring for specific details.

Get Involved in Your Hall

What's a great way to make new friends and have fun? Get involved in residence hall programs. There are so many things to do throughout the academic year. Residence hall staff and Leadership and Advisory Boards traditionally sponsor events such as Lil' Sibs Weekend and a number of activities during Homecoming. Often individual floors and halls will organize bowling parties, volleyball games, sport outings, movie nights and live entertainment.

Residents take an active role in planning and organizing events. You can learn great leadership and organizational skills by participating on a planning committee or by getting involved in Leadership and Advisory Boards. The Residence Hall Association, the residence hall student governing board, gives you an opportunity to represent your hall or floor. So get involved! After all, it's your home away from home!

At Your Service

You can stop by your hall front desk to pick up your mail, make change or check out vacuums and recreational equipment.

Our custodial and maintenance staff will repair any permanent fixtures in your room, such as the heat, plumbing or light fixtures, as well as clean hall corridors, lounge areas and community bathrooms.

Residence hall students also enjoy the convenience of having shuttle bus stops right in front of many halls. You can catch a ride around campus, head to the College of Business in downtown Ypsilanti or go shopping in nearby Ann Arbor.

To reserve a room, students must:

1. Apply online from our web site at www.emich.edu/housing/main.php;
2. Read the contract carefully and thoroughly. The contract contains important information you need to know before reserving a room;
3. Select a meal plan;
4. Select your residence hall program:
 - First-Year Experience Halls: Phelps/Sellers, Walton/Putnam, Best (new incoming freshmen only)
 - Honors Hall (members of Honors College)
 - Upperclass hall (sophomores and above only)
 - Single Room halls (reserved for returning students, new upperclass, transfer and graduate students)
5. Make a \$200 prepayment online or print the contract and mail to:

Cashier's Office

Address: 201 Pierce Hall

Eastern Michigan University

Ypsilanti, MI 48197

Apartments on Campus

Eastern Michigan University offers traditional residence halls as well as apartment living options for students. Three apartment complexes are available to serve your housing needs. These include Brown/Munson, Cornell Courts and Westview apartments.

Eligibility

Applicants must be:

- enrolled in 12 undergraduate credit hours or
- enrolled in six graduate credit hours, or
- actively engaged in an internship, or writing a master's, specialist's or doctoral thesis, or
- upperclass or nontraditional first-year students

Amenities

University Apartments include:

- locations convenient to classes, the library and athletic events;

- utilities included in rent (gas, electric, water and trash collection);
- basic cable service;
- laundry rooms in each building;
- storage facilities at some locations;
- community rooms for complex activities;
- leasing options;
- Internet in Brown/Munson

Students must submit an application to be considered for an apartment. Applications are available from the apartment office and require a \$20 nonrefundable processing fee.

Assignments are made by the leasing coordinator according to the date the application is received. Applicants are notified when their application has been approved and a unit is available for occupancy. Apartments are leased as they become available.

According to Eastern Michigan University policy, the maximum number of individuals allowed to live in a two-bedroom apartment is four. The maximum number of individuals in a one-bedroom unit is two.

Contact:

Address: Housing and Dining Services Office (lower level, The Commons)

Phone: 734.487.0445

Web site: www.emich.edu/housing/apartments

Dining Services

Address: Housing & Dining Services Office (lower level, The Commons)

Phone: 734.487.0418

Fax: 734.487.8513

Web site: www.emich.edu/dining

You will never get bored eating the same old food in the same old place at EMU. There are more than 20 locations campus-wide (including four convenience stores). All locations are open to students, faculty, staff, parents and invited guests. Various meal plan memberships which may be purchased by the university community have been designed to complement lifestyles and budgets. Meal plan memberships may be charged to student accounts, or purchased by cash, check or charge card (Visa/MasterCard). Memberships may be purchased at the Housing & Dining Services Office; Eagle Express may also be purchased at the Eagle OneCard Office in the Student Center. Following are the available meal plan memberships.

Required for all freshmen living in residence halls:

PLATINUM - 18

- 3 meals daily Monday-Friday
- 2 meals Saturday
- 1 meal Sunday
- 2 guest meal passes
- \$75 E-Dollars per semester for use at any EMU campus-operated location

GOLD - 13

- 2 meals daily Monday-Saturday
- 1 meal Sunday
- 4 guest meal passes
- \$150 E-Dollars per semester for use at any EMU campus-operated location

SILVER - 8

- 8 meals any time Monday-Sunday
- 8 guest meal passes
- \$250 E-Dollars per semester for use at any EMU campus-operated location

Available only to upperclassmen returning to the residence hall program or transferring with a minimum of 24 credit hours:

SUPER FLEX

- Debit account with total flexibility
- An additional 25% administration fee will be required

BASIC FLEX

- Debit account with total flexibility
- An additional 25% administration fee will be required

Additional memberships available to all non-residence hall students, faculty and staff:

APARTMENT RESIDENTS FLEX

- Debit account with total flexibility

THE COMMONS BLOCK PLAN

- Designed for those who enjoy The Commons' experience of all-you-care-to-eat buffet dining
- Monday-Friday, lunch and dinner
- Always fresh - many healthy options
- Wireless internet access
- Purchase in blocks of 5 meals = \$40
- Purchase 25 meals and receive 2 free meals
- Balance rolls over semester to semester

EAGLE EXPRESS

- **5% discount at all EMU operated facilities available to faculty, staff and students**
- Used in all dining locations campus-wide including 4 convenience stores
- Pre-paid debit card means safety and convenience without carrying cash
- Excellent way to supplement your meals 24/7
- Minimum beginning balance is \$25 and balance will roll over from semester to semester

NOTE: Posted hours will vary pending holidays and academic calendar. Some dining locations will remain open during unscheduled shutdowns such as snow emergencies. Contact each area for specific hours.

• The Commons

Formerly known as Dining Commons ONE. Diners will enjoy an all-you-care-to-eat self-serve food court featuring home cooked entrees, pasta and stir fry lines, soups, popular fast foods, an extensive salad bar, desserts, and the very popular make-your-own Belgium waffles. Accessible through Downing Residence Hall. 734.487.2442

• Eastern Eateries

High-tech fast food mall with 6 shops featuring 5 national franchises: Jump Asian Cuisine, A & W, Sbarro, Sunset Strips and Freshens. Sundays from 1-6 pm enjoy one-time walk through all-you-care-to-eat Buffet Extravaganzas. Conveniently located between Phelps-Sellers and Walton-Putnam Residence Halls. 734.487.0444

While at the Eateries check out the QuickFixx convenience store located on the lower level. This little store has it all: groceries, toiletries, snacks, greeting cards and video rentals. 734.487.0122

• **CrossRoads MarketPlace**

Home of the first room service venue in the country for residents "on the hill," this is a unique food court and full service grocery store concept featuring Einstein Bros. Bagels shop plus Hot Off The Grill (entrees) and Panini Grill (deli). Also featured is an extensive video rental and greeting card selection. Located in the Hoyt Conference Center. 734.487.3066

• **EMU Student Center Food Court**

Features the Lobby Shop (snack shop), Taco Bell Express, KFC Express and Starbucks. This year an exciting new GreenMarket Bistro opened its doors featuring The Garden Bistro (the first all vegetarian venue on campus), Dog Daze gourmet hot dogs, Jet Smoothies and Sbarro. 734.487.6416

Satellite Operations - all shops provide sandwiches, soups, salads, pastries and beverages.

- **Cafe Crescendo** located in Alexander Hall. 734.487.8450
- **Common Ground Cafe** located in the Marshall Building. 734.487.3412
- **Courtside** located in the Rec/IM. 734.487.6693
- **Flying Eagles** located in Pray-Harrold (northeast end). Also serves Starbucks coffee. 734.487.6965
- **Food For Thought** located in Sill Hall. 734.487.6965
- **Paradox Cafe & Commons** located in Halle Library. Also serves Starbucks coffee. 734.487.4550
- **The Bottom Line** located in the College of Business (downtown Ypsilanti). 734.487.5609
- **TO BE Cafe** located in Quirk-Sponberg Theatres. 734.487.6699

Student Rights and Responsibilities

The Office of Student Judicial Services works to create an effective living and learning environment by designing policies such as the Student Code of Conduct, providing a disciplinary process and conducting programs that foster ethical development, personal accountability and civility toward others.

For information concerning student rights and responsibilities contact:

Office of Student Judicial Services

Address: 250 EMU Student Center, 2nd Floor

Phone: 734.487.2157

Fax: 734.487.4376

Web site: www.emich.edu/sjs

University Governance and Individuals' Rights

Board of Regents

Eastern Michigan University is an autonomous University governed by an eight-member board of regents appointed by the governor of Michigan and subject to the approval of the Michigan Senate. Financial support for the University comes from student tuition and fees, and support provided by the citizens of Michigan.

Current members of the board of regents are Thomas W. Sidlik, Ann Arbor, chair; Roy E. Wilbanks, Ypsilanti, vice chair; Floyd Clack, Flint; Gary D. Hawks, Okemos; Philip A. Incarnati, Clarkston; Mohamed Okdie, Detroit; Francine Parker, St. Clair Shores; and James F. Stapleton, Ann Arbor.

Policies on Nondiscrimination

Eastern Michigan University shall not discriminate against any person because of race, color, creed, religion, national origin, gender, age, disability or sexual orientation. Further, the University shall work for the elimination of improper discrimination in the areas listed above in organizations recognized by the University and from non-University sources where students and employees of the University are involved.

Equal Opportunity and Affirmative Action Policies

Eastern Michigan University admits students of either sex, and any race, color or national or ethnic origin to all the rights, privileges, programs and activities accorded to students at this University. The University does not discriminate against students on the basis of sex, race, color or national or ethnic origin in the administration of its educational policies, admissions policies, scholarships and loan programs and athletic and other University-administered programs. Further, it is the policy and practice of Eastern Michigan University to take affirmative action in all personnel matters.

Gender Equality

It is the policy of Eastern Michigan University to comply with Title IX of the Education Amendments of 1972 and its regulations, which prohibit discrimination on the basis of sex. Anyone who believes that in some respect Eastern Michigan University is not in compliance with Title IX and its regulations should contact the executive director of Human Resources.

Nondiscrimination of the Disabled and/or Challenged

Sharon Abraham, director
Diversity and Affirmative Action
Address: 11 Welch Hall
Phone: 734.487.1166

In its programs, activities and employment, Eastern Michigan University does not discriminate on the basis of physical or other disabilities. Anyone who believes that in some respect Eastern Michigan University is not in compliance with the Rehabilitation Act and its regulations should contact the executive director of Human Resources. Prospective students with disabilities who are otherwise qualified for admission are invited to apply. Students encountering difficulty with access to full participation in University activities should contact the ombudsman.

Statement on Campus Violence

In accordance with the education mission of Eastern Michigan University, the University adopts this policy statement to promote a safe campus environment. The statement reflects the nonviolent spirit of the relationship between students, staff, administrators, faculty, contractors and visitors at Eastern Michigan University.

The safety and security of our students, staff, administrators, faculty, contractors and visitors is extremely important to Eastern Michigan University. Threats, acts of aggression and threatening or violent behavior are not tolerated by or toward students, staff administrators, faculty, contractors or visitors. All reports of incidents will be taken seriously and will be dealt with appropriately.

Threats can be direct and immediate or indirect and implied; threats can occur verbally, nonverbally or in writing. Acts of aggression include, but are not limited to, abusive behavior, stalking and tampering with property and are intended to intimidate, create fear, imply harm or destroy property. Threatening or violent behavior is behaving in such a way that poses an immediate threat to self or others by acts of physical harm.

All students, staff, administrators, faculty, contractors and visitors are strongly encouraged to report threats, acts of aggression and threatening or violent behavior to the Campus Police (911 for all emergencies, 487.1222 for all other calls), Human Resources (487.0083), and/or your department head or supervisor, to help ensure the safety of our campus community.

Family Education Rights and Privacy Act

In compliance with the Family Education Rights and Privacy Act (FERPA), Eastern Michigan University assures that any person who is or has been in attendance as a student at EMU has access to his/her educational records. Furthermore, such individual's rights to privacy are assured by limiting the transferability of records without the student's consent.

The following are matters of public record and may be included in directory publications or disclosed upon request without consent: the student's name, address, telephone listing, e-mail address, date and place of birth, major field of study, participation in recognized activities and sports, weight and height (if a member of an athletic team), dates of attendance, degree and awards received (including but not limited to the Dean's List) and most recent previous educational agency or institution. Registration documents of student organizations that contain the names and addresses of the officers and the statement of purpose of the organization also are considered public information. These documents are available in the Office of Campus Life Programs.

EMU reserves the right to make directory information public unless a student files a written request to withhold information with the University Communications Office within 14 days after the semester begins. Once such a request is filed, the information will remain private until the student requests the University Communications Office to release it.

Individuals who believe the University is not in compliance with FERPA and its regulations should contact the executive director of Human Resources.

Notification of Student Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. **The right to inspect and review the student's education records within 45 days of the day EMU receives a request for access.**

Student should submit written requests to the EMU Office of Records and Registration, identifying the record(s) they wish to inspect. A University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. **The right to request the amendment of the student's education records that the student believes are inaccurate or misleading.**

Students may ask the University to amend records that they believe are inaccurate or misleading. They should write the University official responsible for the record, clearly identify the part of the record they want changed, and specify what is inaccurate or misleading.

If the University decides not to amend the record as requested by the student, the University will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. **The right to consent to disclosures of personally identifiable information contained in the student's education record, except to the extent that FERPA authorizes disclosure without consent.**

One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by EMU in an administrative, supervisory, academic or research or support position (including law enforcement personnel and health staff); a person or company with whom EMU has contracted (such as an attorney, auditor or collection agent); a person serving on the Board of Regents; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

Upon request, the University discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

The University may also disclose, without the student's permission, to parents and legal guardians when the student is under 21, any violation of existing alcohol or drug laws or University policy.

EMU has designated the following items as directory information and these items may be included in publications or disclosed upon request without consent: the student's name; address; telephone listing; e-mail address; date and place of birth; major fields of study; participation in recognized activities and sports; weight and height of members of athletic teams; dates of attendance; degrees and awards received (including, but not limited to, Dean's List); and the most recent previous educational agency or institution attended by the student.

EMU reserves the right to make directory information public unless a student's written objection (specifying the category of information not to be made public without prior consent) is filed with the University Communications Office within 14 days after each term begins.

Students who do not want to be included in the annual EMU Student Telephone Directory should complete a Directory Exclusion form. Forms can be picked up from University Publications, Housing and Dining Services, Records and Registration and the Library Copy Center. They must be turned in by Sept. 15 to the Library Copy Center or to University Publications. Completing the exclusion form will remove the student's name, address and phone number from the current and subsequent telephone directories.

4. **The right to file a complaint with the U.S. Department of Education concerning alleged failures by EMU to comply with requirements of FERPA. The name and address of the office that administers FERPA is:**
Family Policy Compliance Office
U.S. Department of Education
600 Independence Avenue, SW
Washington, DC 20202-4605

Administrative Officers of the University

Board of Regents

Chair: Thomas W. Sidlik
Vice Chair: Roy E. Wilbanks
Secretary: Jackie Jurtz
Floyd Clack
Francine Parker
Gary D. Hawks
Mohamed Okdie
James F. Stapleton
Philip A. Incarnati

Office of the President and Strategic Operations Council

President: Susan W. Martin
Provost and Executive Vice President for Academic Affairs: Donald Loppnow
Vice President for Advancement and Executive Director of EMU Foundation:
Chief Financial Officer, Business and Finance: John Lumm
Vice President for Student Affairs and Enrollment Management (Interim): Bernice Lindke
Associate Vice President of University Marketing and Communication: Ted Coutilish
Executive Director of Intercollegiate Athletics: Derrick Gragg
General Counsel/University Attorney: Kenneth A. McKanders
Chief Information Officer (Interim): Connie Schaffer
Chief Government Relations Officer: Freman Hendrix

Intercollegiate Athletics

Executive Director: Derrick Gragg

Legal Affairs

University Attorney: Kenneth A. McKanders

University Marketing and Communications

Associate Vice President of University Marketing and Communication: Ted Coutilish

Division of Academic Affairs

Office of the Provost

Provost and Executive Vice President for Academic Affairs: Donald Loppnow
Executive Associate to the Provost for Development: Dennis Beagen
Associate Provost and Associate Vice President for Research: Robert Neely

Associate Vice President for Academic Programming (Interim): Bette Warren
Dean of Graduate Studies (Interim): Deb DeLaski-Smith

Division of Advancement

Vice President for Advancement and Executive Director of the EMU Foundation:
Director of Alumni Relations: Vicki Reaume

Division of Business and Finance

Chief Financial Officer, Business and Finance: John Lumm
Associate Vice President, Facilities: John Donegan
Assistant Vice President and Controller:

Human Resources

Associate Vice President of Human Resources (Interim): Karen Simpkins

Division of Student Affairs and Enrollment Management

Vice President (Interim): Bernice A. Lindke
Associate Vice President: Vacant
Assistant Vice President for Student Affairs: Glenna Frank Miller
Assistant Vice President for Retention and Student Success: Lynette Findley

Academic Advising Center

Director: Vacant

Admissions

Director: Kathy Orscheln

Campus Life

Director: Melissa Ginotti

Career Services Center

Director (Interim): Sarah Kersey Otto

Dining Services

Director: Larry Gates

Diversity and Community Involvement

Director: Kay Woodiel

EMU Student Center

Director: Carlos Costa

Financial Aid

Director: Cynthia Van Pelt

Financial Services, Student Affairs

Director: Brian Kulpa

Holman Learning Center

Director: Mark Jackson

Housing

Director: Rebecca J. Figura

International Students, Office of

Director: Esther Gunel

Ombudsman

Gregory A. Peoples

Records and Registration

Registrar: Christina Shell

Recreation/Intramurals

Director: Robert W. England

Service EMU

Director: Gretchen Ward

Student Judicial Services

Director: Jesús Hernández

Student Media

Director: Kevin Devine

Students with Disabilities Office

Director: Vacant

University Health Services

Executive Director: Ellen Gold

- Children's Institute, Director: Chris Aris
- Counseling Services, Director: Lisa Lauterbach
- Health Education and Wellness Programs, Director: Vacant
- Medical Services, Chief of Medical Staff: Kimberly Keller, M.D.

Faculty

Accounting and Finance

Brickner, Daniel R. (2000) Associate Professor, Ph.D.; Kent State University
Bunsis, Howard (1998) Professor; Ph.D.; University of Chicago
Burilovich, Linda (1991) Professor; Ph.D.; University of Michigan
Diallo, Alahassane (1985) Professor; Ph.D.; Ohio State University
Etter, Edwin (2002) Assistant Professor; Ph.D.; Ohio State University
Garg, Ramesh C. (1978) Professor; D.B.A.; Kent State University
Hanson, Robert C. (1996) Professor; Ph.D.; University of Utah
Hwang, Angela (2002) Associate Professor; Ph.D.; University of Houston
Kattelus, Susan C. (1990) Professor and Department Head; Ph.D.; Michigan State University
Keener, Mary (2005) Assistant Professor; Ph.D. pending; Kent State University
Khan, Zafar U. (1989) Professor; Ph.D.; Louisiana State University
Kiss, Robert M. (1990) Associate Professor; Ph.D.; Kent State University
Kramer, Morrey (1984) Associate Professor; Ph.D.; University of Michigan
LaGore, William (2006) Assistant Professor; Ph.D. pending; Florida State University
Lewis, Philip (2005) Assistant Professor; Ph.D.; University of Cincinnati
Mahoney, Lois (2004) Assistant Professor; Ph.D.; University of Central Florida
McCombs, Gary B. (1982) Associate Professor; M.B.A.; University of Michigan
Moeller, Susan (1990) Professor; Ph.D.; Michigan State University
Okopny, Robert D. (1988) Professor; Ph.D.; Texas A&M University
Rahman, Mahmud (1991) Professor; Ph.D.; University of Texas-Arlington
Ross, Barbara W. (2003) Professor; Ph.D.; Michigan State University
Scazzero, Joseph (2001) Professor; Ph.D.; Pennsylvania State University
Snyir, Andrew (1984) Professor; Ph.D.; Purdue University
Tessema, Asrat (1985) Professor; Ph.D.; University of Iowa
Woodland, Linda (1982) Professor; Ph.D.; Purdue University

African American Studies

Okafor, Victor O. (1995) Professor; Ph.D.; Temple University
Perry, Robert L. (1997) Professor; Ph.D.; Wayne State University
Peters, Melvin T. (1992) Associate Professor; Ph.D.; Michigan State University
Semmes, Clovis E. (1988) Professor; Ph.D.; Northwestern University
Woods, Ronald C (1978) Professor; J.D.; University of Michigan

Art

Atzmon, Leslie (1999) Assistant Professor; M.F.A.; Eastern Michigan University
Avedon, Barry (1966) Professor; M.F.A.; Rochester Institute of Technology
Blakely, Colin (2001) Assistant Professor; M.F.A.; University of New Mexico
Bocklage, Christopher (1986) Professor; M.F.A.; Southern Illinois University
Buffington, Melanie (2004) Assistant Professor, Ph.D., Ohio State University
Davis, Margret (1994) Associate Professor; M.F.A.; University of Michigan
DeHoog, John (2000) Assistant Professor; M.F.A.; Rhode Island School of Design
Fairfield, Richard (1963) Professor; M.F.A.; University of Illinois
Hyndman, Christopher (2001) Assistant Professor; M.F.A.; Ohio University
Locke, Jennifer (2005) Assistant Professor, M.F.A.; Wichita State University
Liu, Beili (2005) Assitant Professor, M.F.A.; University of Michigan

Maniotes, Andrew (2002) Assistant Professor; M.F.A.; Minneapolis College of Art and Design
Molloy, Ryan (2004) Assistant Professor, M.F.A., University of Texas
Myers, Julia (1990) Professor; Ph.D.; University of Maryland
Nelson, Brian (2000) Assistant Professor; M.F.A.; Michigan State University
Otto, Gretchen (1987) Professor; Ph.D.; Pennsylvania State University
Pancioli, Diana (1991) Associate Professor; M.F.A.; Alfred University
Pawloski, Carole (1991) Associate Professor; M.A.; Michigan State University
Reedy, Michael (2005) Assistant Professor, M.F.A.; Northern Illinois University
Rubinfeld, Richard (1986) Professor; Ph.D.; Ohio State University
Ruggiero, Maria F. (2001) Assistant Professor; M.F.A.; Kent State University
Sacksteder, Amy. (2006) Assistant Professor; M.F.A.; University of Northern Illinois
Schwartz, Ellen (1977) Professor; Ph.D.; Institute of Fine Arts-New York
Suchan, Thomas (2003) Assistant Professor, Ph.D., Ohio State University
Tammany, David D. (1966) Professor; M.F.A.; Tulane University;
Venner, Thomas (1998) Professor and Department Head; M.F.A.; Eastern Michigan University
Washington, Richard (1970) Associate Professor; M.A.; Eastern Michigan University
Williams, Patricia J. (1976) Professor; M.F.A. Indiana University
Yang, Guey-Meei (2003) Assistant Professor, Ph.D., Ohio State University

Biology

Angell, Michael (1996) Associate Professor; Ph.D.; Pennsylvania State University
Bach, Catherine E. (1991) Professor; Ph.D.; University of Michigan
Bednekoff, Peter (1997) Professor; Ph.D.; Oxford University
Booth, Howard D. (1967) Professor; Ph.D.; Michigan State University
Clemans, Daniel (2000) Associate Professor; Ph.D.; University of Minnesota
Eisenbach, Jamin (1990) Professor; Ph.D.; University of California-Berkley
Francoeur, Steve (2002) Associate Professor, Ph.D.; University of Alabama
Greco, Tamara (1996) Associate Professor; Ph.D.; University of Wisconsin-Madison
Hannan, Gary L. (1982) Professor; Ph.D.; University of California-Berkeley
Judd, Kristin (2007) Assistant Professor; Ph.D.; University of Michigan
Kass, David (1996) Professor; Ph.D.; University of South Carolina
Kurta, Allen (1988) Professor; Ph.D.; Boston University
Laporte, Marianne M. (2001) Associate Professor; Ph.D. University of Wisconsin
Liepman, Aaron (2006) Assistant Professor; Ph.D.; University of Michigan
Liggit, Peggy (1998) Associate Professor; Ph.D.; University of Nevada-Reno
Neely, Robert K. (1984) Professor and Associate Vice President, Academic Affairs; Ph.D.; The Iowa State University
Reinhardt, Ulrich (2000) Associate Professor; Ph.D.; University of British Columbia
Shillington, Cara (2001) Associate Professor; Ph.D.; Oklahoma State University
VandenBosch, James L. (1987) Professor; Ph.D.; University of Michigan
Walker, Glenn K. (1976) Professor; Ph.D.; University of Maryland
Winning, Robert S. (1995) Professor; Ph.D. University of Waterloo

Bruce T. Halle Library

Badics, Joseph (1993) Instructor; M.L.S.; University of Michigan
Baier, Randal (2000) Associate Professor; M.I.L.S.; University of Michigan
Best, Margaret (1977) Associate Professor; M.A.L.S.; University of Michigan
Bucciarelli, Elizabeth (1993) Assistant Professor; M.A.L.S.; Wayne State University
Bullard, Rita J. (1986) Professor; M.A.L.S.; University of Michigan
Cheng, Rachel J. (2002) Professor and University Librarian; M.L.S.; University of Michigan
deVries, Susann (2004) Instructor; M.L.I.S.; Wayne State University

Fabian, Sarah (2002) Instructor; M.A.; Wayne State University
Fowler, Rhonda (1989) Assistant Professor; M.I.L.S.; University of Michigan
Glover, Barbara (1991) Associate Professor; A.M.L.S.; University of Michigan
Gray, Suzanne (2006) Assistant Professor; M.S.L.S.; University of Michigan
Hansen, Joanne J. (1965) Associate Professor; M.S.L.S.; Case Western Reserve University
Hogan, Walter P. (1984) Professor; A.M.L.S.; University of Michigan
Kelly, Robert (2006) Assistant Professor; M.S.; Eastern Michigan University
Klopper, Lisa (2000) Associate Professor; M.I.S.; University of Michigan
Lucas, Raymond (1985) Assistant Professor; M.A.; University of Michigan
Memmot, Sara (2007) Instructor; M.S.; University of Illinois
Nims, Julia (2000) Associate Professor; M.L.S.; Indiana University
Owen, Eric (2000) Assistant Professor; M.S.I.; University of Michigan
Pittsley, Katherine (2004) Assistant Professor; M.I.L.S.; University of Michigan
Stanger, Keith J. (1974) Assistant Professor; M.L.S.; University of Illinois
Stevens, Robert (2005) Assistant Professor; M.A.; Wayne State University
Storm, Paula (2004) Assistant Professor; M.I.S.L.; University of Michigan
Tammany, Rosina (1988) Professor; A.M.L.S.; University of Michigan
Wrosch, Jacqueline (2005) Assistant Professor; M.A. University of Michigan

Chemistry

Armitage, Ruth Ann (2001) Associate Professor; Ph.D.; Texas A&M
Brabec, Michael J. (1985) Professor; Ph.D.; University of Wyoming
Brewer, Timothy R. (1998) Associate Professor; Ph.D.; Stanford University
Contis, Ellene T. (1971) Professor; Ph.D.; University of Michigan
Emal, Cory (2005) Assistant Professor; Ph.D.; University of Michigan
Flanagan Johnson, Amy (2006) Assistant Professor; Ph.D.; Purdue University
Friebe, Timothy L. (1990) Associate Professor; Ph.D.; Northwestern University
Guy-Evans, Hedeel (2005) Associate Professor; Ph.D.; Wayne State University
Heyl-Clegg, Deborah L. (1992) Professor; Ph.D.; University of Michigan
Holmes-Smith, Heather L. (1998) Associate Professor; Ph.D.; University of Michigan
Howard, Arthur S. (1990) Professor; Ph.D.; Cambridge University
Kennedy, Vance O. (1996) Professor; Ph.D.; Case Western Reserve University
Kolopajlo, Lawrence H. (2002) Assistant Professor; Ph.D.; Western Michigan University
Lindsay, Harriet (2002) Assistant Professor; Ph.D., Ed.D.; University of Arkansas
Milletti, Maria C. (1989) Professor; Ph.D.; University of Wisconsin
Nord, Ross S. (1986) Professor; Ph.D.; The Iowa State University
Pernecky, Steven J. (1995) Associate Professor; Ph.D.; Northwestern University
Rengan, Krishnaswamy (1970) Professor; Ph.D.; University of Michigan
Snyder, Donald, M. (1993) Professor; Ph.D.; Purdue University
Tornquist, Wade J. (1986) Professor and Associate Dean of College of Arts and Sciences; Ph.D.; University of Minnesota
Vites, Jose C. (1991) Associate Professor; Ph.D.; University of Notre Dame
Wilmes, Gregg M. (2006) Assistant Professor; Ph.D.; Stanford University

Communication and Theatre Arts

Aghssa, Pirooz (1995) Associate Professor; Ph.D.; Texas Tech University
Aldridge, Henry B. (1972) Professor; Ph.D.; University of Michigan
Alexander, Jessica (2000) Associate Professor; M.F.A.; Eastern Michigan University
Beagen, Dennis M. (1967) Professor and Department Head; M.A.; University of Michigan
Booth, Susan Badger (2006) Assistant Professor; M.F.A.; Columbia University
Bridges, Wallace (1992) Professor; M.F.A.; Western Illinois University

Cooper, John. G. (1993) Professor; Ph.D.; Bowling Green State University
Damron, Keith (2005) Assistant Professor; M.A.; Eastern Michigan University
Evans, Gary L. (1970) Professor; Ph.D.; University of Michigan
Fields, Doris (1997) Associate Professor; Ph.D.; Wayne State University
Foreman, Chris (1994) Professor; Ph.D.; University of Kentucky
Hammill, Geoffrey D. (1987) Professor; Ph.D.; Bowling Green State University
Heck-Seibert, Theresa (1992) Professor; M.F.A.; University of Wisconsin
Kindred, Jeanette (2006) Assistant Professor; Ph.D.; Wayne State University
McCracken, Sally R. (1968) Professor; Ph.D.; Wayne State University
Patrick, Dennis P. (1996) Professor; Ph.D.; University of Texas
Quiel, Ramond (1999) Instructor; M.A.; Eastern Michigan University
Rich, Anita (1996) Professor; Ph.D.; Southern Illinois University
Robinson, James A. (1988) Professor; Ph.D.; University of Michigan
Schuessler, Melanie (2005) Assistant Professor; M.F.A.; University of Wisconsin
Shen, Tsai-Shan (2006) Assistant Professor; Ph.D.; Arizona State University
Simmons, Phil (2006) Assistant Professor; M.F.A.; University of Georgia
Stacey, Kathleen (1992) Professor; Ph.D.; Wayne State University
Stevens, Kenneth W. (1972) Professor; M.A.; University of Cincinnati
Stille, Lee (1998) Associate Professor; Ph.D.; University of Minnesota
Sturgis Hill, Judy (1992) Assistant Professor; M.A.; Eastern Michigan University
Tanner, Christine (2002) Assistant Professor; Ph.D.; Brigham Young University
Tew, Michael A. (1989) Professor; Ph.D.; Wayne State University
Watson, Mary Ann (1990) Professor; Ph.D.; University of Michigan
Zimmer, Patricia Moore (1980) Professor; M.F.A.; Florida State University

Computer Information Systems

Ahmad, S. Imtiaz (1981) Professor; Ph.D.; University of Ottawa
Chou, David C. (2001) Professor; Ph.D.; Georgia State University
Chung, Sock (2002) Assistant Professor; Ph.D.; Auburn University
Esteva, Juan C. (1990) Associate Professor; Ph.D.; Wayne State University
Farah, Badie N. (1982) Professor; Ph.D.; Ohio State University
Gibson, Fiason (2006) Assistant Professor; Ph.D.; Carnegie Mellon University
Lee, Huei (2001) Associate Professor; Ph.D.; Georgia State University
Mrdalj, Stevan (1987) Professor; Ph.D.; University of Belgrade, Serbia and Montenegro
Saxon, Charles S. (1976) Professor; Ph.D.; University of Michigan
Schoenherr, Tobias (2005) Assistant Professor; Ph.D.; Indiana University
Sokkar, Fathi F. (1971) Professor; Ph.D.; University of Illinois
Tang, Hung-Lian (2000) Professor; Ph.D.; University of Nebraska-Lincoln
Tummala, Rao V.M. (1981) Professor; Ph.D.; Michigan State University
Wu, Nesa L. J. (1974) Professor; Ph.D.; Purdue University

Computer Science

Bahorski, Zenia (1990) Instructor; M.S.; Eastern Michigan University
Chaudhuri, Ranjan (1984) Professor; Ph.D.; University of South Florida
Evelt, Matthew (1999) Associate Professor; Ph.D.; University of Maryland
Haynes, Susan M. (1992) Associate Professor; Ph.D.; University of Michigan
Höft, Hartmut F.W. (1970) Professor; Ph.D.; University of Houston
Ikeji, Augustine C. (1988) Associate Professor; Ph.D.; Wayne State University
Keller, Benjamin (2002) Assistant Professor; Ph.D.; Virginia Polytechnic Institute and State University
Maniccam, Suchindran (2001) Associate Professor; Ph.D.; State University of New York at Binghamton

McMillan, William W. (1984) Professor; Ph.D.; Case Western Reserve University
Moore, Pamela A. (1985) Instructor; M.S.; Michigan State University
Narayanan, Krishnakumari (2002) Assistant Professor; Ph.D.; Oakland University
Poh, Elsa S. (2001) Associate Professor; Ph.D.; University of Toledo
Sverdlik, William (1999) Associate Professor; Ph.D.; Wayne State University
Tehranipour, Aby (1990) Professor; Ph.D.; University of Nebraska
Zeiger, Michael (1979) Assistant Professor; Ph.D.; University of Michigan
Zhang, Li (2004) Assistant Professor; Ph.D.; State University of New York at Buffalo

Economics

Crary, David B. (1982) Associate Professor; Ph.D.; University of Maryland
Dewan, Abdullah (1984) Professor; Ph.D.; University of Kentucky
Edgren, John (1979) Professor; Ph.D.; University of Michigan
Erenburg, Sharon J. (1986) Professor; Ph.D.; University of Illinois
Hanna, Raouf S. (1973) Professor and Department Head; Ph.D.; Indiana University
Hayworth, Steven C. (1977) Associate Professor; Ph.D.; Massachusetts Institute of Technology
Moreland, Kemper (1980) Professor; Ph.D.; University of Wisconsin
Pearson, Donald W. (1970) Professor; Ph.D.; University of Texas
Rice, Jennifer (2004) Assistant Professor; Ph.D.; Indiana University
Thornton, James (1991) Professor; Ph.D.; University of Oregon
Vogt, Michael G. (1978) Professor; Ph.D.; University of Wisconsin
Woodland, Bill M. (1981) Professor; Ph.D.; Purdue University

Engineering Technology

Baghdachi, Jamil (1997) Professor; Ph.D.; University of Mississippi
Bari, Mohamad J. (Jamal) (2000) Associate Professor; Ph.D.; University of Arkansas
Benedict, Dozie Ilozor (2006); Associate Professor; Ph.D.; University of Technology, Sydney
Brake, Mary (2004) Professor; Ph.D.; Michigan State University
Chapman, Robert E. (1992) Assistant Professor; Ph.D.; Yale University
DeLaski-Smith, Deborah (1978) Professor and Interim Dean, Graduate Studies; Ph.D.; Michigan State University
Fields, Daniel J. (1986) Professor and Department Head; Ph.D.; Michigan State University
Greenfield, M.C. (2005) Assistant Professor; MS; Southern Illinois University
Jones, Louise (1990) Professor; Ph.D.; University of Michigan
Kanagy, Max E. (1986) Professor; Ph.D.; Ohio State University
Lahidji, Bob (Behrooz) (1994) Professor and Director; Ph.D.; University of Missouri-Columbia
Lin, Su-Chen Jonathon (1988) Professor; Ph.D.; The Iowa State University
Lokensgard, Erik (1986) Professor; Ph.D.; The Iowa State University
Love, Dian (2002) Assistant Professor; M.S.; University of Michigan
Lu, Jiang (2003) Assistant Professor; Ph.D.; Indiana University
Lyons, Harvey (1998) Associate Professor; Ph.D.; Ohio State University
Mannari, Vijaykumar(2002) Assistant Professor; Ph.D.;Sadar Patal University
Mitchell, James G. (Greg) (2000) Associate Professor; Ph.D.; Wayne State University
Moylan, William (2001) Instructor; Ph.D.; Capella University
Rufe, Phillip (1990) Instructor; M.S.; Eastern Michigan University
Shay, Tony F. (1990) Professor; Ph.D.; The Iowa State University
Sipos, Maria (2005) Assistant Professor; M.A.; Eastern Michigan University
Soyster, Thomas G. (1982) Associate Professor; Ed.D.; Temple University
Speelman, Pamela (1990) Professor; Ed.D.; Wayne State University
Stein, James (1990) Associate Professor; Ph.D.; Wayne State University
Texter, John (2002) Professor; Ph. D.; Lehigh University

Tillman, Tracy S. (1990) Associate Professor; Ph.D.; Purdue University
Tucker, Walter W. (1978) Professor; Ph.D.; University of Michigan
Wang, Jianhua (2002) Assistant Professor; Ph.D.; University of Iowa

English Language and Literature

Adler-Kassner, Linda (2000) Associate Professor; Ph.D.; University of Minnesota
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Aristar, Anthony (2006) Professor; Ph.D.; University of Texas at Austin
Aristar-Dry, Helen (1991) Professor; Ph.D.; University of Texas at Austin
Arrington, Phillip (1984) Professor; Ph.D.; University of Louisville
Baker, William Douglas (2001) Associate Professor; Ph.D.; University of California at Santa Barbara
Barr, Mark (2006) Assistant Professor; Ph.D.; Vanderbilt University
Benninghoff, Steven (2002) Assistant Professor; Ph.D.; Purdue University
Blakeslee, Ann (1996) Professor; Ph.D.; Carnegie-Mellon University
Bruss, Paul S. (1969) Professor; Ph.D.; University of Rochester
Burlingame, Lori (1997) Associate Professor; Ph.D.; University of Rochester
Cassidy, Cheryl (1990) Professor; Ph.D.; University of Michigan
Coykendall, Abigail (2002) Assistant Professor; Ph.D.; State University of New York at Buffalo
Csicsila, Joseph (2000) Associate Professor; Ph.D.; University of Nevada at Las Vegas
Cunningham, Charles (2004) Assistant Professor; Ph.D.; Carnegie-Mellon University
Daeumer, Elisabeth (1992) Professor; Ph.D.; Indiana University
Dionne, Craig (1995) Professor; Ph.D.; Carnegie-Mellon University
Duncan, Jeffrey L. (1971) Professor; Ph.D.; University of Virginia
Eiss, Harry E. (1987) Professor; Ph.D.; University of North Dakota
Fleischer, Catherine (1990) Professor; Ph.D.; University of Michigan
Garrett, Edward (2003) Assistant Professor; Ph.D.; UCLA
Geherin, David J. (1969) Professor; Ph.D.; Purdue University
George, Laura (1994) Professor and Department Head; Ph.D.; Ohio State University
Goodman, Beverly (1996) Associate Professor; Ph.D.; Cornell University
Grondona, Veronica (2000) Associate Professor; Ph.D.; University of Pittsburgh
Hendrix, Lolita (1994) Professor; M.A.; Eastern Michigan University
Hume, Christine (2001) Associate Professor; Ph.D.; University of Denver
Kaston, Andrea (2000) Associate Professor; Ph.D.; University of Wisconsin
Kauffman, Janet (1988) Professor; Ph.D.; University of Chicago
Knapp, James (1998) Associate Professor; Ph.D.; University of Rochester
Kovacevic, Natasa (2006) Assistant Professor; Ph.D.; University of Florida
Krause, Steven (1998) Associate Professor; Ph.D.; Bowling Green University
Larson, Russell R. (1970) Professor; Ph.D.; University of Michigan
Lucy, Robin (2002) Assistant Professor; Ph.D.; McMaster University
Miller, Bernard A. (1987) Professor; Ph.D.; Purdue University
Morris, Tracie (2005) Assistant Professor; Ph.D.; New York University
Most, Sheila (1971) Professor; Ph.D.; Northwestern University
Motschall, Melissa (1995) Professor; Ph.D.; Wayne State University
Neff, Heather (1993) Professor; Ph.D.; University of Zurich
Neufeld, Christine (2003) Assistant Professor; Ph.D.; McGill University
Norton, Alexandra M. (1989) Professor; Ph.D.; University of California-Berkeley
Parker, Jeff (2004) Assistant Professor; M.F.A.; Syracuse University
Pinson, James (1990) Professor; Ph.D.; University of Missouri-Columbia
Schlagheck, Carol (1995) Professor; Ph.D.; Bowling Green University
Seely, Daniel T. (1988) Professor; Ph.D.; University of Massachusetts at Amherst
Shichtman, Martin B. (1984) Professor; Ph.D.; University of Iowa
Simmons, Charles (1997) Professor; J.D.; Georgetown

Sipe, Rebecca (1997) Associate Professor; Ed.D.; Boston University
Tracey, Christine (2005) Assistant Professor; Ph.D.; Rensselaer Polytechnic Institute
Tucker, William (1993) Professor; Ph.D.; Boston College
Wannamaker, Annette (2005) Assistant Professor; Ph.D.; Bowling Green University
Wojcik-Andrews, Ian (1990) Professor; Ph.D.; University of Connecticut

Geography and Geology

Bradley, Michael D. (1995) Associate Professor; Ph.D.; University of Utah
Cherem, Gabriel J. (1987) Professor; Ph.D.; University of Michigan
Clark, Christine (2002) Assistant Professor; Ph.D.; University of Manitoba, Canada
Jones, Robert A. (2003) Assistant Professor; Ph.D.; Portland State University
Kasenow, Michael (1989) Professor; Ph.D.; Western Michigan University
Ligibel, Ted (1991) Professor; Ph.D.; Bowling Green State University
LoDuca, Steven T. (1992) Professor; Ph.D.; University of Rochester
Mayda, Chris (1999) Associate Professor; Ph.D.; University of Southern California
Nazzaro, Andrew (1969) Professor; Ph.D.; Michigan State University
Poli, Serena M. (2000) Associate Professor; Ph.D.; University of Padova, Italy
Rutherford, Sandra (2003) Assistant Professor; Ph.D.; University of Western Ontario, Canada
Semple, Hugh (2002) Assistant Professor; Ph.D.; University of Manitoba, Canada
Sickels-Taves, Lauren (1998) Associate Professor; Ph.D.; University of Edinburgh
Tyler, Norman R. (1990) Professor; Ph.D.; University of Michigan
Welsh, William (2005) Assistant Professor; Ph.D.; UNC-Chapel Hill
Xie, Yichun (1994) Professor; Ph.D.; State University of New York-Buffalo

Health Promotion and Human Performance

Bedford, Eddie (1989) Assistant Professor; M.S.; University of Wisconsin
Bretting, Michael (1993) Associate Professor and Associate Dean, College of Education; Ph.D.; University of Maryland
Chiasson, Victor (1991) Assistant Professor; M.A.; Central Michigan University
Colon, Geoffrey (1998) Associate Professor; Ph.D.; Michigan State University
Conley, Kathleen (1999) Professor; Ph.D.; Southern Illinois University at Carbondale
Cowdery, Joan (2006) Assistant Professor; Ph.D.; University of Alabama
Faust, Roberta (2000) Assistant Professor; Ph.D.; Ohio State University
Johnson, Jodi (1998) Assistant Professor, M.S.; University of Florida
Karshin, Christine M. (2001) Associate Professor; Ph.D.; The Pennsylvania State University
Levine, Shel (1999) Associate Professor; M.S., M.S.A., C.E.S.; Syracuse University
McCarthy, Susan K. (2001) Associate Professor; Ph.D.; University of Toledo
McGregor, Stephen (2000) Associate Professor; Ph.D.; University of Toledo
Moreno, A. (2004) Assistant Professor; Ph.D.; Michigan State University
Moyer, Steve W. (1988) Professor; Ed.D.; Temple University
Nair, Muralidaran (2000) Associate Professor; Ph.D.; University of Virginia
Paciorek, Michael (1981) Professor; Ph.D.; Peabody College of Vanderbilt University
Pendleton, Sharon Y. (1988) Instructor; M.A.; Oklahoma University
Ricciardo, Jerry (1988) Associate Professor; Ph.D.; Texas A&M University
Riemer, Brenda (2004) Assistant Professor; Ph.D.; Michigan State University
Woodiel, Kay (1998) Assistant Professor; Ph.D.; University of Arkansas
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Health Sciences

Brooks, Judith (1999) Associate Professor; Ph.D.; Oklahoma State University
Clifford, David (1986) Professor; Ph.D.; University of Michigan
Croxall, Colleen L. (1996) Associate Professor; Ph.D.; Wayne State University
Douglass, Richard (1987) Professor; Ph.D.; University of Michigan
Francis-Connolly, Elizabeth (1991) Professor; Ph.D.; University of Michigan
Gossett, Andrea (2008) Assistant Professor; OTD; University of Illinois, Chicago
Hammerberg, Gary (1984) Assistant Professor; Ed.D.; Western Michigan University
Hansen, Ruth (1976) Professor Emeritus; Ph.D.; Wayne State University
Haque, Rubina (2006) Assistant Professor; Ph.D.; Wayne State University
Howells, Valerie (1998) Professor; Ph.D.; Cambridge Graduate School of Psychology
Lemerand, Pamela (2005) Assistant Professor; Ph.D.; University of Michigan
Liepa, George U. (1995) Professor; Ph.D.; Iowa State University
Mistry, Anahita (2005) Assistant Professor; Ph.D.; University of Hyderabad, India.
Olson, Judith (1991) Professor Emeritus; Ph.D.; Wayne State University
Rainville, Alice Jo (1998) Professor; Ph.D.; University of Texas-Houston
Reeves, Gretchen D. (2001) Associate Professor; Ph.D.; University of Michigan
Shetron-Rama, Lynne (2007) Assistant Professor; Ph.D.; Wayne State University
Silverman, Deborah W. (1979) Assistant Professor; M.S.; University of Cincinnati
Sonstein, Stephen (1984) Professor; Ph.D.; Hahneman Medical College
Thomas, David (1997) Associate Professor; Ed.D.; Temple University
Walsh, Pamela (2005) Assistant Professor; M.A.; Wayne State University
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History and Philosophy

Bruya, Brian (2004) Assistant Professor; Ph.D.; University of Hawaii
Cassar, George H. (1968) Professor; Ph.D.; McGill University
Chamberlain, Kathleen P. (2001) Associate Professor; Ph.D.; University of New Mexico
Citino, Robert (1991) Professor; Ph.D.; Indiana University
Crouch, Margaret (1987) Professor; Ph.D.; University of Minnesota
Delph, Ronald (1993) Associate Professor; Ph.D.; University of Michigan
Dieterle, Jill Marie (1998) Associate Professor; Ph.D.; Ohio State University
Egge, James (2002) Associate Professor; Ph.D.; University of Chicago
Engwenyu, Joseph (1994) Instructor; ABD; University of Dalhousie
Graves, Pamela (1989) Associate Professor; Ph.D.; University of Pittsburgh
Higbee, Mark (1995) Professor; Ph.D.; Columbia University
Holoka, James P. (1974) Professor; Ph.D.; University of Michigan
Homel, Michael W. (1970) Professor; Ph.D.; University of Chicago
Jones, Michael T. (1973) Professor; Ph.D.; Ohio State University
Long, Roger D. (1990) Professor; Ph.D.; University of California
McCurdy, John (2004) Assistant Professor; Ph.D.; Washington University
Mehuron, Kate (1989) Professor; Ph.D.; Vanderbilt University
Moss, Walter G. (1970) Professor; Ph.D.; Georgetown University
Murcher, Stephen (2003) Assistant Professor; Ph.D.; University of Michigan
Nation, Richard F. (2001) Associate Professor; Ph.D.; University of Michigan
Nelson, Gersham A. (1997) Professor; Ph.D.; University of Illinois-Chicago
Olwell, Russell B. (1999) Associate Professor; Ph.D.; Massachusetts Institute of Technology
Pritchard, Linda K. (2002) Professor; Ph.D.; University of Pittsburgh
Ramold, Steven (1999) Assistant Professor; Ph.D.; University of Nebraska
Reed, Michael H. (1987) Professor; Ph.D.; University of Minnesota
Schmitz, Philip C. (1993) Associate Professor; Ph.D.; University of Michigan
Schott, Linda K. (2003) Professor; Ph.D.; Stanford University

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Leadership and Counseling

Ametrano, Irene M. (1981) Professor; Ed.D.; Rutgers University
Anderson, David (1999) Associate Professor; Ed.D.; University of Michigan
Barott, James E. (1998) Associate Professor; Ph.D.; University of California-Santa Barbara
Berry, James E. (1991) Professor; Ed.D.; University of Missouri-Columbia
Bleyaert, Barbara A. (2005) Assistant Professor; Ed.D.; Eastern Michigan University
Broughton, Elizabeth (1997) Associate Professor; Ed.D.; University of Florida
Burton, Ella (2000) Associate Professor; Ed.D.; Wayne State University
Callaway, Yvonne L. (1992) Professor; Ph.D.; Wayne State University
Choudhuri, Devika (2001) Associate Professor; Ph.D.; Syracuse University
Dugger, Suzanne M. (1998) Associate Professor; Ed.D.; Western Michigan University
Flowers, Ronald D. (2006) Assistant Professor; Ed.D.; Eastern Michigan University
Francis, Perry (2005) Associate Professor; EdD; University of Northern Colorado
Marx, Gary (2005) Assistant Professor; EdD; Wayne State University
Parfitt, Diane (2006) Assistant Professor; Ph.D.; University of Toledo
Price, William J. (1991) Professor; Ph.D.; Michigan State University
Stickel, Sue A. (1991) Professor; Ph.D.; University of Wyoming
Tack, Martha W. (1990) Professor; Ph.D.; University of Alabama
Tracy, Jaclynn C. (1992) Professor and Department Head; Ph.D.; Michigan State University
Williamson, Ronald D. (2001) Professor; Ed.D.; Eastern Michigan University
Zamani-Gallaher, Eboni M. (2001) Associate Professor; Ph.D.; University of Illinois

Management

Banerji, Kunal (1992) Assistant Professor, Ph.D.; University of Kentucky
Blanchard, Nick P. (1979) Professor; Ph.D.; Wayne State University
Bush-Bacelis, Jean (1984) Professor; Ph.D.; Wayne State University
Camp, Richaard R. (1979) Professor; Ph.D.; Wayne State University
Chowdry, Pradeep (1980) Associate Professor; Ph.D.; University of Arkansas
Chowdhury, Sanjib (1999) Associate Professor; Ph.D.; University of North Texas
Endres, Megan (1998) Assistant Professor; Ph.D.; University of North Texas
Frye, Crissie M. (2000) Assistant Professor; Ph.D.; University of Iowa
Hill, Raymond E. (1978) Professor; Ph.D.; Purdue University
Huszczo, Gregory E. (1978) Professor; Ph.D.; Michigan State University
Isenhour, Linda (2004) Assistant Professor; University of Central Florida
McEnery, Jean M. (1980) Professor; Ph.D.; Wayne State University
Milner, Morgan (2004) Assistant Professor; Ph.D.; Michigan State University
Newell, Stephanie E. (1994) Associate Professor; Ph.D.; University of Massachusetts-Amherst
Schulz, Eric (2000) Associate Professor; Ph.D.; Rutgers University
Tanguay, Denise (1986) Professor; Ph.D.; University of Michigan
Tubbs, Stewart L. (1986) Professor; Ph.D.; University of Kansas
Victor, David A. (1985) Professor; Ph.D.; University of Michigan
Vielhaber, Mary E. (1977) Professor; Ph.D.; University of Michigan
Wagner-Marsh, Fraya C. (1982) Professor and Department Head; D.B.A.; Memphis State University
Waltman, John L. (1985) Professor; Ph.D.; University of Texas
Wong, Diana (1999) Associate Professor; Ph.D.; University of Massachusetts

Marketing

Allbright, David E. (2005) Assistant Professor; Ph.D.; University of Georgia
Barton, Daryl L. (1975) Associate Professor; J.D.; University of Michigan
Chao, Paul (2004) Professor; Ph.D.; University of Washington
Davis, Judy (1993) Professor; Ph.D.; Michigan State University
Defebaugh, Sandra J. (1987) Associate Professor; J.D.; Detroit College of Law
Edwards, Elizabeth A. (1992) Professor; Ph.D.; University of Michigan
Fullerton, Sam (1982) Professor; Ph.D.; Michigan State University
McCullough, Tammy M. (1994) Professor; Ph.D.; University of Washington
McSurely, Hugh B. (1981) Professor; Ph.D.; Syracuse University
Merz, G. Russell (1982) Professor; Ph.D.; Michigan State University
Neuhaus, Colin F. (1969) Professor; Ph.D.; University of Michigan
Percy, Dawn H. (2002) Assistant Professor; Ph.D.; Florida State University
Persinger, Elif (2002) Assistant Professor; Ph.D.; Michigan State University
Sachdev, Harash (1991) Professor; Ph.D.; Georgia State University
Sasser, Sheila L. (2006) Assistant Professor; Ph.D.; Wayne State University
Sauber, Matthew H. (1990) Professor; Ph.D.; University of Texas
Victor, Gary M. (1974) Professor; J.D.; University of Toledo
Zboja, James (2006) Assistant Professor; Ph.D.; Florida State University

Mathematics

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Calin, Ovidiu (2002) Associate Professor; Ph.D.; University of Toronto
Caniglia, Joanne (1994) Professor; Ph.D.; Kent State University
Carroll, Timothy B. (1986) Professor; Ph.D.; Western Michigan University
Chattopadhyay, Rita (1984) Professor; Ph.D.; University of South Florida
Chu, Shenghui (1986) Professor; Ph.D.; University of Michigan
Curran, John (2004) Assistant Professor; Ph.D.; Brown University
Folk, David B. (1987) Professor; Ph.D.; University of Michigan
Gardiner, Christopher J. (1984) Professor; Ph.D.; University of Illinois-Urbana-Champaign
Ginther, John L. (1965) Professor; Ph.D.; University of Illinois
Green, Geraldine A. (1989) Professor; Ph.D.; University of Michigan
Han, Xiaoxu (2005) Assistant Professor; Ph.D.; University of Iowa
Howard, Paul E. (1970) Professor; Ph.D.; University of Michigan
Jones, Joan Cohen (1998) Professor; Ph.D.; Georgia State University
Leapard, Barbara (2000) Associate Professor; Ph.D.; University of Toledo
Liu, Jiuqiang (1993) Professor; Ph.D.; Western Michigan University
Parry, Walter (1984) Professor; Ph.D.; University of California-Berkeley
Ramanathan, Jayakumar (1990) Professor; Ph.D.; University of Chicago
Rescorla, Kim L. (1985) Professor; Ph.D.; University of Utah
Ross, Andrew (2006) Assistant Professor; Ph.D.; University of California-Berkeley
Shapla, Tanweer (2006) Assistant Professor; Ph.D.; Bowling Green State University
Shiskowski, Kenneth M. (1983) Professor; Ph.D.; Lehigh University
Tayeh, Carla (1989) Professor; Ph.D.; Southern Illinois University
Wang, Bingwu (2002) Assistant Professor; Ph.D.; Wayne State University
Warren, Bette (1984) Professor and Department Head; Ph.D.; Indiana University

Music and Dance

Amos, Charles N. (1975) Professor; Ph.D.; University of Iowa
Babcock, Donald J. (2001) Assistant Professor; D.M.A.; Michigan State University
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Brandon, Ernest M. (1975) Associate Professor; M.M.; Northwestern University
Cole-Luevano, Kimberly (1996) Associate Professor; D.M.A.; Michigan State University
Dorsey, John F. (1997) Assistant Professor; M.M.; University of Michigan
Eggers, Carter J. (1967) Professor; M.M.; Ithaca College
Foster, Daniel L. (1987) Associate Professor; M.M.; University of Michigan
Gajda, Anne B. (1979) Professor; M.M.; University of Michigan
Hornbach, Christina (2005) Assistant Professor; Ph.D.; Michigan State University
Iannaccone, Anthony J. (1971) Professor; Ph.D.; Eastman School of Music University of Rochester
Jerome, Sherry (1999) Assistant Professor; M.F.A.; Texas Christian University
Kirkland, Glenda E. (1973) Professor; M.A.; Eastern Michigan University
McGuire, Michael G. (1983) Professor; M.M.; State University of New York
McNamara, Joann (1986) Professor; Ph.D.; Texas Women's University
Meretta, Kristy L. (1987) Professor; M.A.; University of Michigan
Miller, Kevin (1991) Associate Professor; M.M.; University of Michigan
O'Brien-Pedersen, Julianne (1998) Assistant Professor; M.F.A.; Ohio State University
Patrick, Louise Rose (1990) Professor; Ph.D.; Michigan State University
Pedersen, Garik (1989) Professor; D.M.A.; University of Iowa
Pierce, David (1990) Professor; D.M.A.; University of Illinois-Urbana-Champaign
Plank, Max E. (1968) Professor; D.M.A.; University of Michigan
Prince, J. Whitney (1981) Professor; D.M.A.; University of Colorado
Ruitter-Feenstra, Pamela (1996) Associate Professor; D.M.A.; University of Iowa
Saker, Marilyn N. (1993) Associate Professor; Ph.D.; University of Wisconsin-Madison
Schoenhals, Joel (2001) Assistant Professor; D.M.A.; Eastman School of Music University of Rochester
Simmons, Phil (2006) Assistant Professor; M.F.A.; University of Georgia
Smith, John R. (1969) Assistant Professor; M.A.; Eastern Michigan University
Stone, Julie (1994) Associate Professor; D.M.A.; University of Maryland-College Park
Waymire, Mark (2006) Assistant Professor; M.M.; Sam Houston State University
Winder, Diane (1988) Professor; D.M.; Florida State University
Woike, David O. (1990) Professor and Department Head; Ph.D.; Ohio State University
Zirk, Willard D. (1981) Professor; D.M.A.; University of Michigan

Nursing

Beard, Betty J. (1976) Professor; Ph.D., R.N.; University of Michigan
Berry, Linda M. (1994) Associate Professor; Ph.D., R.N.; University of Michigan
Bigelow, April (2004) Assistant Professor; M.S.N., R.N.; University of Michigan
Branson-Hillegas, Kathleen (1981) R.N./B.S.N. Coordinator, Associate Professor; M.S.; University of Michigan
Ervin, Naomi E. (2006) Professor and Director; Ph.D., R.N., A.P.R.N., B.C., F.A.A.N.; University of Michigan
Fox, Diane (2004) Assistant Professor; M.S.N., R.N.; Eastern Michigan University
Kao, Tsui-Sui (2006) Assistant Professor; M.S.N., R.N.; University of Michigan
Lan, Virginia (1997) Associate Professor; Ph.D., R.N.; University of Michigan
Nelson, Sandra (1990) Associate Professor; Ph.D., A.P.R.N., BC.; Michigan State University
Pfoutz, Susan (1998) Professor; Ph.D., R.N.; University of Michigan
Riley, Janice (2002) Lecturer; M.S., R.N.; Eastern Michigan University
Rubinfeld, Marlene G. (1986) Associate Professor; R.N., M.S.; Ohio State University
Scheffer, Barbara K. (1976) Professor; Ed.D., R.N.; Eastern Michigan University
Tanicala, Martha (1999) Associate Professor; Ed.D., R.N.; Bowling Green University
Trewn, Peggy (1998) Associate Professor; Ph.D., R.N.; Wayne State University
Williams, Michael (1998) Associate Professor; M.S.N., R.N.; Grand Valley State University
Wilson, Lorraine (1988) Professor; Ph.D., R.N.; Wayne State University

Wiswell, Lisa (2005) Assistant Professor; Ed.D., R.N.; University of California
Wu, Tsu-Yin Stephanie (1999) Associate Professor; Ph.D., R.N.; University of Michigan

Physics and Astronomy

Behringer, Ernest R. (1995) Associate Professor; Ph.D.; Cornell University
Carroll, James J., III (1998) Associate Professor; Ph.D.; West Virginia University
Jacobs, Diane A. (1985) Professor; Ph.D.; University of Texas-Austin
Koehn, Patrick L. (2005) Assistant Professor; Ph.D.; University of Michigan.
Oakes, Alexandria (1987) Professor and Department Head; Ph.D.; Lehigh University
Porter, James C. (1967) Professor; Ph.D.; Purdue University
Sharma, Natthi L. (1986) Professor; Ph.D.; Ohio University
Sheerin, James P. (1991) Professor; Ph.D.; University of Michigan
Shen, Weidian C. (1991) Professor; Ph.D.; Wayne State University
Thomsen, J. Marshall (1986) Professor; Ph.D.; Michigan State University
Trochet, Daniel P. (1968) Professor; Ph.D.; University of Michigan
Wylo, Bonnie (1988) Professor; Ph.D.; University of Michigan

Political Science

Bernstein, Jeffrey (1997) Assistant Professor; Ph.D.; University of Michigan
Carroll, Bruce (2006) Assistant Professor; Ph.D.; University of Houston
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Longworth, Rhonda (1994) Associate Professor and Interim Assistant Vice President for Academic Affairs; Ph.D.; University of Iowa
Lottie, Adrian J. (1992) Associate Professor; Ph.D.; Wayne State University
Martin, Elaine F. (1984) Professor; Ph.D.; University of Oklahoma
Monsma, Charles (1971) Professor; Ph.D.; University of Michigan
Ohren, Joseph F. (1985) Professor; Ph.D.; Syracuse University
Petrescu, Claudia (2002) Assistant Professor; Ph.D.; University of Pittsburgh
Pfister, James Wilber (1970) Associate Professor; Ph.D.; University of Michigan
Pyle, Barry (1997) Associate Professor; Ph.D.; University of Missouri-St. Louis
Rosenfeld, Raymond A. (1983) Professor and Department Head; Ph.D.; Emory University
Sabki, Mohammad Hisham (1969) Professor; Ph.D.; Indiana University
Scott, Joanna V. (1990) Professor; Ph.D.; University of Strathclyde, Scotland
Sidlow, Edward (1995) Professor; Ph.D. Ohio State University
Sneed, Bethany (2004) Assistant Professor; Ph.D.; Wayne State University
Stahler-Sholk, Richard (1997) Associate Professor; Ph.D. University of California-Berkeley
Zhao, Zhirong "Jerry" (2005) Assistant Professor; Ph.D.; University of Georgia

Psychology

Bonem, Marilyn K. (1987) Associate Professor; Ph.D.; Utah State University
Byrd, Michelle R. (2002) Assistant Professor; Ph.D.; University of Nevada at Reno
Delprato, Dennis J. (1969) Professor; Ph.D.; Michigan State University
Fish, Barry A. (1970) Professor; Ph.D.; Wayne State University
Freedman-Doan, Carol R. (1995) Professor; Ph.D.; Wayne State University
Gordon, Norman G. (1975) Professor; Ph.D.; Wayne State University
Hodges, Kay V. (1989) Professor; Ph.D.; University of Maryland
Hoodin, Flora (1998) Associate Professor; Ph.D.; Wayne State University
Huprich, Steven (2004) Assistant Professor; Ph.D.; University of North Carolina at Greensborough

Huth-Bocks, Alissa (2005) Assistant Professor; Ph.D.; Michigan State University
Jeffersom, Stephen (2006) Assistant Professor; Ph.D.; Michigan State University
Knapp, John R. (1971) Professor; Ph.D.; University of Denver
Koch, Ellen (2003) Assistant Professor; Ph.D.; Western Michigan University
Lajiness-O'Neill, Renee (2005) Assistant Professor; Ph.D.; Brigham Young University
Lauterbach, Dean (2001) Professor; Ph.D.; Purdue University
McManus, John L. (1981) Associate Professor; Ph.D.; Ohio State University
Penix, Tamara (2006) Assistant Professor; Ph.D.; University of Nevada at Reno
Rusiniak, Kenneth W. (1981) Professor; Ph.D.; University of California at Los Angeles
Saules, Karen K. (2001) Professor; Ph.D.; Wayne State University
Todd, James T. (1990) Professor; Ph.D.; University of Kansas
Von Kluge, Silvia (1990) Professor; Ph.D.; Michigan State University
Westman, Alida S. (1972) Professor; Ph.D.; Cornell University
Witkow, Melissa (2006) Assistant Professor; Ph.D.; University of California at Los Angeles

Social Work

Bombyk, Marti (1996) Professor; Ph.D.; University of Michigan
Brown-Chappell, Betty (1996) Associate Professor; Ph.D.; University of Chicago
Davis, Laura (1994) Associate Professor; Ph.D.; Cornell University
Gray, Sylvia Sims (1988) Associate Professor; Ph.D.; Wayne State University
Gunther, John (2001) Professor; Ph.D.; Tulane University (1979)
Krajewski-Jaime, Elvia (1985) Professor; Ph.D.; University of Texas
Kurtz, Linda Ferris (1989) Professor; Ph.D.; University of Georgia
Lewis, Ronald (1992) Professor; Ph.D.; University of Denver
Loppnow, Donald (1976) Professor and Senior Executive for Institutional Effectiveness; Ph.D.; University of Michigan
Massie, Enos (1989) Associate Professor; Ph.D.; University of Michigan
Mills, Crystal (1992) Professor; Ph.D.; University of Michigan
Nybell, Lynn (1983) Associate Professor; Ph.D.; M.S.W.; University of Michigan
Ragg, Mark (1996) Associate Professor; Ph.D.; Case Western Reserve
Schuster, Elizabeth Oates (1986) Professor; Ph.D.; University of Michigan
Smith, Harrison Y. (1994) Professor; Ph.D.; University of Denver
Wedenoja, Marilyn (1992) Professor; Ph.D.; University of Michigan
Weinberg, Sylvia (1996) Associate Professor; Ph.D.; University of Texas
Ziefert, Marjorie (1981) Professor and Department Head; M.S.W.; Columbia University

Sociology, Anthropology and Criminology

Adams, Anthony Troy (1985) Associate Professor; Ph.D.; University of Michigan
Ajrouch, Kristine (2000) Assistant Professor; Ph.D.; Wayne State University
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Cao, Liqun (1994) Professor; Ph.D.; University of Cincinnati
Cerroni-Long, Liza (1987) Professor; Ph.D.; University of California at Los Angeles
Corsianos, Marilyn (2002) Assistant Professor; Ph.D.; York University
Kern, Roger (1998) Assistant Professor; Ph.D.; Vanderbilt University
Leighton, Paul (1997) Associate Professor; Ph.D.; American University
Moaddel, Mansoor (1987) Professor; Ph.D.; University of Wisconsin
Orange, Robert M. (2001) Assistant Professor; Ph.D.; University of Texas
Reiling, Denise (2000) Assistant Professor; Ph.D. Michigan State University
Richardson, Barbara (1991) Professor; Ph.D.; Cornell University
Simoes, Solange (2006) Assistant Professor; Ph.D. University of London
Sinclair, Karen (1976) Professor; Ph.D.; Brown University

Tomaszewski, E. Andreas (2001) Assistant Professor; Ph. D.; Carleton University
Weinstein, Jay (1986) Professor and Interim Department Head; Ph.D.; University of Illinois
Westrum, Ronald (1972) Professor; Ph.D.; University of Chicago

Special Education

Burton-Hoyle, Sally (2006) Assistant Professor; Ed.D; University of Idaho
Cameron, S. (2004) Assistant Professor; J.D.; University of Toledo
Carney, Karen (2002) Assistant Professor; Ph.D.; Arizona State University
Cupples, Willie P., Jr. (1994) Professor; Ph.D.; Northwestern University
Doster, Brenda (2006) Assistant Professor, Ph.D.; University of Michigan
Ginsberg, Sarah (2002) Assistant Professor; Ed.D; Eastern Michigan University
Gorenflo, Carole (1988) Professor; Ph.D.; Michigan State University
Hoodin, Ronald (1988) Professor; Ph.D.; Pennsylvania State University
Hric, Kathleen (2005) Assistant Professor; Ph.D.; University of Michigan
Koh, Myung-Sook (2005) Assistant Professor; Ph.D.; University of Memphis
Lee, Lidia (2002) Associate Professor; Ph.D.; Indiana University
Li, Tsai-Ping (Alicia) (1995) Assistant Professor; Ed.D.; University of Northern Colorado
McGinnis, Jacqueline (2002) Assistant Professor; Ph.D.; University of Nebraska-Lincoln
Orr, A. (2004) Assistant Professor; Ed.D.; University of Michigan
Parker, Kathlyn (1999) Assistant Professor; Ph.D.; Teacher's College- Columbia University
Polter, L. (2004) Assistant Professor; Sp.A.; Eastern Michigan University
Rocklage, Lynne A. (1991) Professor and Department Head; Ph.D.; Southern Illinois University
Schulte, K. (2004) Assistant Professor, Sp.A.; Eastern Michigan University
Smith, P. (2004) Assistant Professor; Ed.D.; University of Vermont
Stevens, Lizbeth (1998) Associate Professor; Ph.D.; Wayne State University
Stiefel, G. (2004) Assistant Professor; Ph.D.; University of Michigan
Tonkovich, John (2000) Associate Professor; Ph.D.; University of Tennessee

Teacher Education

Baiyee, Martha (1998) Associate Professor; Ph.D.; Virginia Tech
Beauvais, Kathleen (1991) Professor; Ph.D.; University of Michigan
Bednar, Anne (1991) Professor; Ed.D.; Indiana University
Bennion, Donald (1993) Professor and Department Head; Ph.D.; Ohio University
Bigler, Mary (1977) Professor; Ph.D.; University of Michigan
Bishop, J. Joe (2002) Associate Professor; Ph.D.; University of Iowa
Burke, Wendy (2000) Associate Professor; Ph.D.; University of Illinois at Urbana-Champaign
Burns, Carolyn M. (2001) Assistant Professor; M.A.; University of Michigan
Carter, Carolyn J. (2001) Associate Professor; Ph.D.; Wayne State University
Copeland, Nancy (2002) Assistant Professor; MBE; Wayne State University
Daisey, Peggy (1994) Professor; Ph.D.; Kansas State University
Dichtelmiller, Margo L. (2000) Associate Professor; Ph.D; University of Michigan
Dokes-Brown, Marion A. (2001) Associate Professor; Ph.D.; Texas Women's University
Finch, Carolyn (1999) Professor; Ph.D.; University of Maryland
Gordon, Jane (1992) Professor; Ph.D.; University of Miami
Gould, Caroline (1997) Assistant Professor; M.A.; University of Michigan
Grossman, Sue (1995) Associate Professor; Ph.D.; Michigan State University
Gwaltney, Thomas (1964) Professor; Ph.D.; Southern Illinois University
Harmon, Deborah (2000) Assistant Professor; Ph.D.; Colorado State University
Huyvaert, Sarah (1986) Professor; Ed.D.; Indiana University
Johnson, Elizabeth (1994) Associate Professor; Ed.D.; Wayne State University

Jones, Sylvia (1992) Professor; Ph.D.; University of Michigan
Jones, Toni Stokes (1999) Associate Professor; Ph.D.; Wayne State University
Jose-Kampfner, Cristina (1991) Professor; Ph.D.; University of Michigan
Kinney-Sedgwick, Martha (1987) Associate Professor; Ph.D.; University of Iowa
Langer, Georgea (1985) Professor; Ph.D.; Stanford University
Lewis-White, Linda (1996) Professor; Ph.D.; East Texas State University
Lowenstein, Ethan (2002) Assistant Professor; Ph.D.; New York University
Margerum-Leys, Jon (2000) Associate Professor; Ph.D.; University of Michigan
Martusewicz, Rebecca (1988) Professor; Ed.D.; University of Rochester
Maylone, Nelson (2000) Assistant Professor; Ed.D.; Eastern Michigan University
Moore-Hart, Margaret (1988) Professor; Ph.D.; University of South Florida
Nelson, Olga (1991) Professor; Ph.D.; Kent State University
Paciorek, Karen (1981) Professor; Ph.D.; Peabody College of Vanderbilt University
Pietig, Jeanne (1988) Professor; Ph.D.; University of Minnesota
Pokay, Patricia (1988) Professor; Ph.D.; University of Michigan
Polakow, Valerie (1988) Professor; Ph.D.; University of Michigan
Quilter, Shawn (1996) Associate Professor and Associate Dean of Academic Accountability, College of Education; Ph.D.; University of South Carolina
Rearick, Mary (2001) Associate Professor; Ed.D.; University of Massachusetts
Shellhorn, Bette (2005) Assistant Professor Ph.D. Michigan State
Skaggs, Kathryn (1997) Assistant Professor; M.S.; Peabody College of Vanderbilt University
Starko, Alane (1986) Professor; Ph.D.; University of Connecticut
Williams-Boyd, Patricia (1996) Associate Professor; Ed.D.; University of Kansas

Technology Studies

Adamski, Anthony (1997) Associate Professor; Ph.D.; Wayne State University
Becker, Pamela (2004) Assistant Professor; M.L.S.; Eastern Michigan University
Bellamy, Al (1996) Professor; Ph.D.; Purdue University
Boone, Morrell D. (2001) Professor and Interim Dean Ph.D.; Syracuse University
Boyless, John E. (1977) Associate Professor and Interim Director; M.A.; Eastern Michigan University
Buchanan, Polly (1980) Professor and Interim Associate Dean of the College of Technology; Ph.D.; University of Michigan
Cardon, Phillip (1999) Associate Professor; Ph.D.; Ohio State University
Dugger, John C. (2001) Professor; Ph.D.; Texas A&M University
Fulkert, Ronald (1997) Associate Professor; Ph.D.; University of Toledo
Ghosh, Subhas (2002) Professor; Ph.D.; University of Manchester, England
Gore, David K. (1983) Assistant Professor; M.S.; Eastern Illinois University
Gregory, Susan (2002) Professor; Ed.D.; Temple University
Haddad, Carol (1993) Professor; Ph.D.; University of Michigan
Harbour, Nancy (2005) Assistant Professor, Ph.D.; University of Detroit
Jogaratnam, Giri D. (1996) Professor; Ph.D.; Virginia Polytechnic Institute and State University
Kalian, Seema (2004) Associate Professor; Ph.D.; Michigan State University
Kinczkowski, Linda (2000) Associate Professor, Ph.D.; Wayne State University
Kustron, Konnie G. (1994) Professor; J.D.; Detroit College of Law
Kuwik, Paul D. (1980) Professor; Ph.D.; Ohio State University
Lawver, Gerald V. (1987) Associate Professor; Sp.A.; Eastern Michigan University
Leapard, David W. (1992) Professor; Ph.D.; University of South Carolina
Majeske, Paul (1997) Associate Professor; M.L.S.; Eastern Michigan University
Park, Jaehong (2005) Assistant Professor; Ph.D.; George Mason University
Pilato, Denise (2002) Professor; Ph.D.; Michigan State University
Preston, John M. (1983) Associate Professor; M.S.; Eastern Michigan University
Remp, Ann M. (1984) Professor; Ph.D.; Michigan State University
Tartalone, Phillip (2005) Assistant Professor; Ph.D.; Michigan State University

Teehan, Robert (2006) Assistant Professor; Ph.D.; Capella University
Van Der Velde, Robert (2002) Professor; J.D.; Cleveland-Marshall College of Law
Welker, Kelly (1999) Associate Professor; Ph.D.; Florida State University
White, Darcelle D. (1995) Professor; J.D.; University of Detroit

Women's and Gender Studies

Haddad, Carol (1993) Professor and Interim Director; Ph.D.; University of Michigan
Mehuron, Kate (1989) Professor and Academic Adviser; Ph.D.; Vanderbilt University
Simoës, Solange (2006) Assistant Professor; Ph.D. University of London

World Languages

Aebersold, Jo Ann (1984) Professor; Ph.D.; University of Michigan
Cere, Ronald C. (1985) Professor; Ph.D.; New York University
Cline, William J. (1970) Professor; Ph. D.; State University of New York
Cullen, Thomas J. (1994) Professor; Ph.D.; Klagenfurt University
Damiano, Carla A. (2001) Assistant Professor; Ph.D.; University of Oregon
Day, Catherine E. (1982) Professor; Ph.D.; University of Illinois
Dugan, Sanford J. (1974) Professor; Ph.D.; Washington University, Missouri
Holoka, James P. (1974) Professor; Ph.D.; University of Michigan
Illingworth-Rico, Alfonso (1994) Associate Professor; Ph.D.; University of Arizona
Kirby, Steven D. (1991) Professor; Ph.D.; University of Kentucky
Kubota, Sayuri (2005) Assistant Professor; Ph.D.; Purdue University
Mihaly, Deanna (2005) Assistant Professor; Ph.D.; Tulane University
Morgan, Elisabeth (1991) Professor and Department Head; Ph.D.; University of New York at Buffalo
Nerenz, Anne G. (1986) Professor; Ph.D.; University of Wisconsin
Oketani-Lobbezoo, Hitomi (1996) Associate Professor; Ph.D.; University of Toronto
Palmer, Benjamin W. (1970) Professor; Ph.D.; Northwestern University
Peden, Genevieve (1992) Professor; Ph.D.; Michigan State University
Popko, Alexander Jeffrey (2005) Assistant Professor; Ph.D.; University of Northern Arizona
Tabuse, Motoko (1992) Professor; Ph.D.; Ohio State University
Vosteen, Thomas R. (1991) Professor; Ph.D.; University of Iowa
Voght, Geoffrey M. (1971) Professor; Ph.D.; University of Michigan
Wang, Wendy (1999) Associate Professor; Ph.D.; University of Toronto
Zinggeler, Margrit (1999) Associate Professor; Ph.D.; University of Minnesota

Course Prefixes

A department prefix or code is used to identify courses offered by Eastern Michigan University:

Academic Affairs Division	UNIV
Creative Inquiry Experience	CSIE
Honors	HNRS
Study Abroad	SABR
College of Arts and Sciences	CASI
African American Studies	AAS
Art	ART
Biology	BIOL
Botany	BOTN
Elementary Science	ESCI
Microbiology	MICR
Zoology	ZOOL
Chemistry	CHEM
Communication and Theatre Arts	
Activity	CTAA
Communication	CTAC
Interpretation/Performance Studies	CTAO
Theatre and Educational Drama	CTAR
Fundamentals of Speech	CTAS
Telecommunications and Film	CTAT
Computer Science	COSC
Economics	ECON
English Language and Literature	
Creative Writing	CRTW
English Composition	ENGL
Journalism and Public Relations	JRNL
Linguistics	LING
Literature	LITR
Geography and Geology	
Earth System Science	ESSC
Geography	GEOG
Geology	ESCI

Historic Preservation	GHPR
Urban and Regional Planning	GPLN

History and Philosophy

History	HIST
Philosophy	PHIL

Mathematics	MATH
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Music and Dance

Dance	DANC
Music	MUSC

Applied Music has a prefix for each instrument.

Refer to the class schedule book for the codes.

Physics and Astronomy

Astronomy	ASTR
Physics	PHY
Physical Science	PSCI

Political Science	PLSC
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Psychology	PSY
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Sociology, Anthropology and Criminology

Anthropology	ANTH
Criminology	CRM
Sociology	SOCL

Women's and Gender Studies	WGST
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World Languages	WGST
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Classics	CLAS
English for International Students	ESLN
French	FRNH
General Foreign Language and Bilingual-Bicultural Education	FLAN
German	GERN
Greek	GREK
Japanese	JPNE
Language	LNGE
Latin	LATN
Spanish	SPNH
Teaching English as a Second Language (TESOL)	TSLN

College of Business	COB
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Accounting and Finance

Accounting	ACC
Decision Science	DS
Finance	FIN
Computer Information Systems	IS
Production/Operations Management	POM
Management	MGMT
Marketing	MKTG
International Business	IB
Law	LAW
Supply Chain Management	SCM

College of Education

Leadership and Counseling

Counseling	COUN
Educational Leadership	EDLD

Special Education

General	SPGN
Cognitive Impairment	SPCI
Emotional Impairment	SPEI
Hearing Impairment	SPHI
Learning Disabilities	SPLI
Physical and Health Impairment	SPPI
Speech/Language Pathology	SPSI
Visual Impairment	SPVI

Student Teaching	EDUC
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Teacher Education

Curriculum	CURR
Early Childhood Education	ECE
Educational Media	EDMD
Educational Media and Technology	EDMT
Educational Psychology	EDPS
Educational Technology	EDTC
Field Experience	FETE
Reading	RDNG
Social Foundations	SOFD

College of Health and Human Services

Health Promotion and Human Performance

Athletics	ATHL
Athletic Training	ATTR
Health Education	HLED

Physical Education	PHED
Physical Education Activity - General	PEGN
Recreation Courses	RECR
Exercise Science and Athletic Training	SPMD
Health Sciences	AHPR
Clinical Laboratory Sciences	CLSC
Human, Environmental and Consumer Resources	HECR
Health Administration	HLAD
Dietetics	DTC
Occupational Therapy	OCTH
Therapeutic Recreation	THRC
Nursing	NURS
Social Work	SWRK
Gerontology	GERT
College of Technology	COT
Engineering Technology	SET
Computer Aided Design/Manufacturing	CADM
Computer Engineering Technology	CET
Construction Management	CNST
Electronic Engineering Technology	ELEC
Engineering Technology	ET
Facility Management	FMGT
Interior Design	IDE
Mechanical Engineering Technology	MET
Manufacturing	MFG
Polymers and Coatings	PC
Quality Technology	QUAL
Military Science and Leadership	MSL
Technology Studies	STS
Apparel, Textiles and Merchandising	ATM
Aviation Technology	AVT
Business Management Marketing and Technology	BMMT
Communication Technology	CMT
Career, Technical and Workforce Education	CTWE
Hotel and Restaurant Management	HRM
Information Assurance	IA
Industrial Distribution	ID
Information Security	ISEC
Legal Assistant (Paralegal)	LEGL
Network and Information Technology Studies	NITA
Public Safety	PS
School of Staff and Command	SSC
School of Technology Studies	STS

Technology Education
Technology Management

TEDU
TM

What's New!

- Department of African American Studies is now Department of Africology and African American Studies(Effective Winter 2013)

New Programs:

- Foundations in Spanish Translation Minor (NEW PROGRAM)
- International Business Minor (NEW PROGRAM)
- Queer Studies Minor

Updated Programs:

A

- African American Studies Major
- African American Studies Minor
- Anthropology Major
- Bachelor of Fine Arts (Printmaking Concentration)

C

- Computer Information Systems Major

E

- Elementary Education Mathematics Major
- Elementary Education Mathematics Minor
- Elementary Education Social Studies Group Major
- Elementary Education Spanish Language Minor

I

- International Affairs Major
- International Business Major
- Interior Design Major

M

- Mathematics Major
- Mathematics Minor
- Music Therapy Equivalency Certificate
- Music Therapy Major
- Musical Theatre Minor

N

- Nonprofit Administration Minor

P

- Political Science Major
- Public Law and Government Major

S

- Secondary Education Earth Science Minor
- Secondary Education Economics Minor
- Secondary Education Geography Major
- Secondary Education Geography Minor
- Secondary Education History Major
- Secondary Education History Minor
- Secondary Education Political Science Teaching Minor
- Secondary Education Spanish Language Minor
- Spanish Literature Minor
- Spanish Culture and Literature Minor

New Courses:

A

- ARTH 255 - Visual and Cinematic Arts Since 1900 (NEW COURSE)
- ARTS 313 - Relief Printmaking (NEW COURSE)

C

- CHL 353 - Genders and Sexualities in Literature for Young Readers
- CHL 456 - Jewish Children's and Adolescent Literature
- CRTW 300 - Gateway to the Creative Writing Program (NEW COURSE)
- CRTW 490 - Capstone Project (NEW COURSE)
- COSC 104 - Web Science (NEW COURSE)
- CTAC 310 - Health Communication (NEW COURSE)
- CTAT 232 - Lighting for TV and Film (NEW COURSE)
- CTAT 233 - Digital Video Editing (NEW COURSE)
- CTAT 255 - Visual and Cinematic Arts Since 1900 (NEW COURSE)
- CTAT 434 - Documentary Film Production (NEW COURSE)

E

- ELEC 426 - Control Systems Engineering (NEW COURSE)

- ENVI 397 - Independent Study (NEW COURSE)
- ENVI 398 - Independent Study (NEW COURSE)
- ENVI 399 - Independent Study (NEW COURSE)
- ENVI 497 - Independent Study (NEW COURSE)
- ENVI 498 - Independent Study (NEW COURSE)
- ENVI 499 - Independent Study (NEW COURSE)

G

- GEOG 311 - History and Geography of the Modern World (NEW COURSE)

H

- HIST 204 - Introduction to the History of Judaism (NEW COURSE)
- HIST 311 - History and Geography of the Modern World (NEW COURSE)

I

- IDE 225 - History of Interiors from Antiquity to 1800 (NEW COURSE)
- IS 439 - Search Marketing Practicum (NEW COURSE)

L

- LITR 445 - Sexualities in Literature and Culture

M

- MATH 430 - Introduction to Stochastic Calculus

P

- PEGN 114 - Exercise Equipment Selection and Usage
- PEGN 125 - Family Fitness
- PHIL 326 - Philosophy & Sexuality
- PLSC 346 - International Political Economy (NEW COURSE)

S

- SABR 470 - Study Abroad at JCMU -Japan (NEW COURSE)
- SABR 471 - Study Abroad at JCMU -Japan (NEW COURSE)
- SABR 472 - Study Abroad at Tokyo Gakugei University-Japan (NEW COURSE)
- SABR 473 - Study Abroad at Tokyo Gakugei University (GEN)-Japan (NEW COURSE)
- SABR 474 - Study Abroad at Kansai Gaidai-Japan (NEW COURSE)
- SABR 475 - Study Abroad at University Of Derby-United Kingdom (NEW COURSE)
- SABR 476 - Study Abroad at Oxford Brooks University-United Kingdom (NEW COURSE)

- SABR 481 - Study Abroad at ICN Business School-France (NEW COURSE)
- SABR 482 - Study Abroad at Universite Catholique de L'Ouest-France (NEW COURSE)
- SABR 483 - Study Abroad at RUGroningen (FA)-The Netherlands (NEW COURSE)
- SABR 484 - Study Abroad at RUGroningen (FEB)-The Netherlands (NEW COURSE)
- SABR 485 - Study Abroad at JLU Giessen-Germany (NEW COURSE)
- SABR 486 - Study Abroad at Korea University, Sejong-Korea (NEW COURSE)
- SABR 491 - Study Abroad at University of Derby (NEW COURSE)
- SABR 492 - Study Abroad at Curtin University (NEW COURSE)
- SABR 493 - Study Abroad at CC-CS, Alicante, Spain
- SABR 494 - Study Abroad, EMU-Oxford Program-UK
- SABR 495 - Study Abroad, Novancia, Paris-France
- SABR 497 - Study Abroad at JLU-Giessen, Germany
- SAG 155 - Illustrator
- SAG 255 - SAG Movement
- SAG 295 - SAG Rigging
- SAG 325 - Principles of Animation
- SPGN 401 - International Teaching I (NEW COURSE)
- SPGN 402 - International Teaching II (NEW COURSE)

U

- URP 452 - Infrastructure Planning and Policy (NEW COURSE)
- URP 456 - Zoning and Land Development Regulation (NEW COURSE)
- URP 459 Planning/Preservation Studio (NEW COURSE)
- URP 460 - Transportation Modeling Systems

W

- WGST 210 - Gender in a Transnational World
- WGST 265 - Communicating and LGBT Community (NEW COURSE)
- WGST 300 - Feminist Inquiry
- WGST 305 - Queer Studies
- WGST 326 - Philosophy & Sexuality
- WGST 340 - Transgenre; Genre, Gender and Sex (A Queer Poetics)
- WGST 353 - Genders and Sexualities in Literature for Young Readers
- WGST 370 - Women's and Gender Studies Abroad (NEW COURSE)
- WGST 445 - Sexualities in Literature and Culture
- WGST 450 - Topics in Women's and Gender Studies (NEW COURSE)

Updated Courses:

A

- AAS 231 - Race, Urbanization and the Policy Mindset (title and description change, effective Winter 2013)
- AAS 301 Research Methods in African American Studies (title and number change, effective Winter 2013)
- AAS 302W Writing for African American Studies (Number change, effective, Winter 2013)
- ANTH 208 - Minority Women in the United States (TO BE DELETED) (effective Winter 2013)

- ANTH 219 - Around the World in 80 Years: Adult Development Across Culture (TO BE DELETED) (effective Winter 2013)
- ARTE 360 - Technology in Visual Arts Education
- ARTE 460 - Approaches to Teaching Visual Arts Education
- ARTS 311 - Etching and Intaglio (title and description change, effective Winter 2013)

B

- BIO 306W Cell and Molecular Biology and Genetics Laboratory (prerequisite change, effective Winter 2013)

C

- CET 426 - Engineering Product Information
- CHL 207 - Introduction to Children's Literature
- CHL 351 - World Mythology
- CHL 352 - Folk Literature: Ballads and Folk Tales
- COSC 221 - Computer Organization I (course description and prerequisite change, effective Winter 2013)
- CRTW 335W - Creative Writing (Gen Ed Area I, W) (prerequisite change, effective Winter 2013)
- CTAR 360 - Playwriting
- CTAR 370 - Audition
- CTAT 241 - Announcing Techniques for Electronic Media

E

- ENGL 408W - Writing for Secondary Teachers (Gen Ed Area I, W) (title, description and prerequisite change, effective Winter 2013)
- ESSC 370 - Glacial and Quaternary Geology (title and course description change, effective Winter 2013)

H

- HIST 313 Michigan History (change in prerequisite and restriction, effective Winter 2013)
- HLAD 417 - Health Regulation (TO BE DELETED) (effective Summer 2013)
- IDE 111 - Environmental Psychology and Behavior for Interior Design (title, description and restriction change, effective Winter 2013)

I

- IDE 325 - Professional Practice in Interior Design
- IDE 411 - Internship in Interior Design (TO BE DELETED) (merging w/ IDE 324 - Internship in Interior Design)
- IDE 425 - Mill Work Design and Detailing (change in number, description and prerequisites, effective Winter 2013, previously listed as IDE 322)

R

- RDNG 420 - Middle School Literacy and the Early Adolescent Reader (change in prerequisite, effective Winter 2013)

S

- SOCL 307 - Sociology of Work (change in title and description, effective Winter 2013)
- SPNH 221 - Intermediate Spanish Reading (TO BE DELETED) (effective Winter 2013)
- SPNH 261 - Introduction to Professional Language Study (TO BE DELETED) (effective Winter 2013)
- SPNH 322 - Introduction to Hispanic Literature (effective Winter 2013)
- SPNH 341 - Survey of Spanish Literature (TO BE DELETED) (effective Winter 2013)
- SPNH 351 - Survey of Spanish-American Literature (TO BE DELETED) (effective Winter 2013)
- SPNH 401 - Advanced Readings in Spanish Literature
- SPNH 402 - Advanced Readings in Spanish American Literature
- SPNH 447 - Business Spanish II (change in description and prerequisite, effective Winter 2013)
- SPNH 471 - Culture and Literature of the Hispanic Groups in the United States (Change in prerequisite, effective Winter 2013)
- SPSI 332 - Acoustic Phonetics: Speech Science (change in class and major restrictions, effective Winter 2013)
- SPSI 334 - Applied Phonetics (change in class and major restrictions, effective Winter 2013)
- SPSI 335 - Introduction to Communication Disorders (change in title, class and major restrictions, effective Winter 2013)
- SPSI 336 - Physiologic Phonetics: Anatomy and Physiology (change in class and major restrictions, effective Winter 2013)
- SPSI 337 - Language Acquisition (change in class and major restrictions, effective Winter 2013)
- SPSI 346 - Speech, Language and Phonological Disorders in Children (change in class and major restrictions, effective Winter 2013)
- SPSI 347 - Normal Aging and Health Issues in Speech-Language Pathology (change in class and major restrictions, effective Winter 2013)

T

- THRC 100 Foundation and Advancement of the Therapeutic Recreation Profession (change in title and description, effective Winter 2013)

U

- URP 409 - Professional Practice for Planners (change in description, prerequisite, corequisite and restriction, effective Winter 2013)

General Education:

Learning Beyond the Classroom

- Women's Lacrosse Team (Self and Well Being - Recognized Club Sport)
- College GPS: (G)oals + (P)lanning = (S)uccess (Self and Well Being - Other campus events)

Africology and African American Studies Programs and Courses

Africology and African American Studies

Major

African American Studies Major

Africology and African American Studies Department Information:

Department Head: Victor O. Okafor

Department Contact: vokafor@emich.edu

Website: <http://www.emich.edu/aas/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 33 hours

Required Course: 15 hours

- AAS 101 - Introduction to African American Studies (Gen Ed Area III) 3 hrs
- AAS 201 - Foundations of Knowledge in African American Studies 3 hrs
- AAS 401 - African American Studies Research Seminar 3 hrs
- AAS 302W - Writing for African American Studies (Gen Ed Area I, W) 3 hrs
- AAS 402 - African American Studies Internship Seminar 3 hrs

Restricted Electives: 18 hours

Pick two courses from the following three subject areas: "Society" (6 hrs), "Systems, Institutions & Institutional Processes" (6 hrs), and "Culture & Arts" (6 hrs)

Society: 6 hours

Pick two courses from the following

- AAS 102 - Introduction to African Civilization (Gen Ed Area III) 3 hrs
- AAS 221 - African American Social Movements 3 hrs
- AAS 311 - The African Diaspora 3 hrs
- AAS 312 - African Civilization 3 hrs
- AAS 313 - Contemporary Africa: The Struggle and Prospects for Development (Gen Ed Area III) 3 hrs

- Any relevant 3 credit course with Department permission 3 hrs

Systems, Institutions & Institutional Processes: 6 hours

Pick two courses from the following

- AAS 231 - Race, Urbanization and the Policy Mindset 3 hrs
- AAS 232 - Politics in the African American Experience (Gen Ed Area III) 3 hrs
- AAS 233 - Public Policy and African Americans 3 hrs
- AAS 243 - Black Women: Politics and Racism 3 hrs
- AAS 351 - The Social Context of African American Health (Gen Ed Area IV) 3 hrs
- AAS 441 - Law in the African American Experience 3 hrs
- Any relevant 3 credit course with Department permission 3 hrs

Culture & Arts: 6 hours

Pick two courses from the following

- AAS 272 - Hip Hop Lyricism in African American Culture 3 hrs
- AAS 361 - The African American Family 3 hrs
- AAS 362 - Black Women: Religion and Sexism 3 hrs
- AAS 370 - Films of the African American Experience 3 hrs
- Any relevant 3 credit course with Department permission 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Any change to this program must be approved and proper paper work submitted before that change can be considered for graduation.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

African American Studies Minor

Africology and African American Studies Department Information:

Department Head: Victor O. Okafor

Department Contact: vokafor@emich.edu

Website: <http://www.emich.edu/aas/>

Required Courses: 12 hours

- AAS 101 - Introduction to African American Studies (Gen Ed Area III) 3 hrs
- AAS 201 - Foundations of Knowledge in African American Studies 3 hrs
- AAS 401 - African American Studies Research Seminar 3 hrs
- AAS 302W - Writing for African American Studies (Gen Ed Area I, W) 3 hrs

Restricted Electives: 9 hours

Pick one course from each of the following three subject areas: "Society" (3 hrs), "Systems, Institutions & Institutional Processes" (3 hrs), and "Culture & Arts" (3 hrs)

Society: 3 hours

Pick one course from the following

- AAS 102 - Introduction to African Civilization (Gen Ed Area III) 3 hrs
- AAS 221 - African American Social Movements 3 hrs
- AAS 311 - The African Diaspora 3 hrs
- AAS 312 - African Civilization 3 hrs
- AAS 313 - Contemporary Africa: The Struggle and Prospects for Development (Gen Ed Area III) 3 hrs
- Any relevant 3 credit course with Department permission 3 hrs

Systems, Institutions & Institutional Processes: 3 hours

Pick one course from the following

- AAS 231 - Race, Urbanization and the Policy Mindset 3 hrs
- AAS 232 - Politics in the African American Experience (Gen Ed Area III) 3 hrs
- AAS 233 - Public Policy and African Americans 3 hrs
- AAS 243 - Black Women: Politics and Racism 3 hrs
- AAS 441 - Law in the African American Experience 3 hrs
- Any relevant 3 credit course with Department permission 3 hrs

Culture & Arts: 3 hours

Pick one course from the following

- AAS 272 - Hip Hop Lyricism in African American Culture 3 hrs
- AAS 361 - The African American Family 3 hrs
- AAS 362 - Black Women: Religion and Sexism 3 hrs

- AAS 370 - Films of the African American Experience 3 hrs
- Any relevant 3 credit course with Department permission 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Certificate

Undergraduate Certificate in African Studies

Add a specialty to your degree with an undergraduate certification in African Studies. Gain a special insight into ancient and contemporary Africa from a scholarly perspective. The certificate program encompasses such areas of African affairs as history, political economics, geography, politics, and arts. It serves as a means by which the student can enhance his/her awareness of the diversity that characterizes human existence.

In sum, this program is designed to prepare and equip students with:

1. Inter-cultural sensitivity
2. The ability to develop social policies and cultural competencies applicable to their careers
3. Knowledge of key epistemological issues in African Studies
4. Research, critical thinking and critical writing skills

Admission Requirements

In order to be admitted to this undergraduate certificate in African Studies, you have to meet any of the following conditions. One, you must be either pursuing an undergraduate degree at EMU in any field of study or you can apply as a post-baccalaureate degree holder. You can also be admitted if you are a graduate student or a graduate degree holder, and you wish to obtain the undergraduate certificate in African Studies. To apply for admission, click on the following link: [online admission forms](#).

Career Opportunities

Students who are still working towards their undergraduate degrees or many professionals with degrees in a variety of educational arenas may find this certification program a means of achieving an edge above the competition. The certificate is intended to complement careers in a wide-variety of fields, including education, social work, international jobs, health care and political science. Those with careers or majors in international relations, economic and political welfare, public policy and administration, public relations, journalism, community outreach, social services, human resources and cultural diversity may find this certificate particularly helpful.

Online & Non-online Courses

Note that for both required and restricted electives categories, online and non-online versions of the approved courses are acceptable.

Advising

If you have questions or need advising, contact Dr. Victor Oguejiofor Okafor either by email, vokafor@emich.edu or by telephone, (734)487-3460.

Critical Information regarding Certificates

Undergraduate certificates may only be offered in conjunction with or subsequent to a baccalaureate degree. They cannot be 'stand alone' certificates, offered to students who are not pursuing or do not have a bachelor's degree. For students pursuing an undergraduate certificate concurrent with a bachelor's degree, the certificate will be awarded upon graduation.

Africology and African American Studies Department Information:

Department Head: Victor O. Okafor
Department Contact: vokafor@emich.edu
Website: <http://www.emich.edu/aas/>

Required Courses: 12 hours

The certificate in African Studies requires completion of the following 12-credit hour requirement. Note that only 300-level or above courses can be applied towards this certificate program, and such courses must be completed at Eastern. In addition, credits applied to this certificate program cannot be used towards the satisfaction of any major, minor or general education requirements.

Core Courses: 6 hours

- AAS 312 - African Civilization 3 hrs
- AAS 313 - Contemporary Africa: The Struggle and Prospects for Development (Gen Ed Area III) 3 hrs

Restricted Elective Courses: 6 hours

Select six credit hours from the following:

- AAS 379 - Special Topics 3 hrs
or
- AAS 499 - Independent Study 3 hrs

- ARTH 470 - Arts of Africa 3 hrs
- GEOG 322 - Geography of Africa 3 hrs
- HIST 347 - Sub-Saharan Africa to 1885 3 hrs
- HIST 348 - 20th-Century Africa 3 hrs
- HIST 349 - South Africa, 1500-Present 3 hrs
- PLSC 372 - African Politics 3 hrs

Certificate Total: 12 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

African American Studies

AAS 101 - Introduction to African American Studies (Gen Ed Area III)

An introductory examination of the African American experience. Acquaints students with the trends, issues and forces that have shaped that experience; considers the concepts of cultural adaptation, institutional development and group self-definition; and surveys the contemporary status and condition of African Americans.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

AAS 101 Introduction to African American Studies

AAS 101 meets the requirements for a course on U.S. diversity because it surveys the origins, development, and current status of African Americans from the perspective of a discipline that places this group at the center of its inquiry. A historically underrepresented and oppressed group, African Americans constitute one of the largest minorities in the U.S. This group has been essential to the formation and character of U.S. society from its inception to the present. The struggle by African Americans for equality and human dignity and their contributions to U.S. and world cultures reveal much about the role and significance of diversity in American society. The course examines the interactions of African Americans with U.S. immigrant groups and with Native peoples. Cultural, economic, gender, religious, racial, and class factors in oppression are of particular concern.

AAS 102 - Introduction to African Civilization (Gen Ed Area III)

This course is designed to provide the student with an introductory knowledge of centers of African civilization from antiquity to the 1960s. Those centers include ancient Egypt, Songhai, Kilwa and Monomotapa.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

AAS 102 Introduction to African Civilization

AAS 102 African Civilization is designed to provide the students with an introductory knowledge of centers of African Civilization from antiquity to the 1960s. Among those centers are Ancient Egypt, Nubia, Axum, Ghana, Mali, Songhai, Kilwa, Sofola, Malinda, Mutapa (Monomotapa), etc. Apart from becoming familiar with such key centers of African Civilization, the students will explore the influence that African Civilization exerted on other cultures, as well as the impact of cross-cultural contacts on African Civilization itself. Preliminary subjects of discussion include historical and paleontological data examining the thesis of the African origin of humanity.

AAS 177 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 1 hr

AAS 178 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 2 hrs

AAS 179 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 3 hrs

AAS 201 - Foundations of Knowledge in African American Studies

Examines the empirical and theoretical foundations of African American studies, the evolution of the field and the role of key scholars in its development.

Credit Hours: 3 hrs

AAS 221 - African American Social Movements

Explores the collective efforts undertaken by African Americans to elevate their group status in American society. Analyzes the struggle for human freedom through an examination of resistance to chattel slavery, the quest for civil rights and the response to structured inequality.

Credit Hours: 3 hrs

AAS 231 - Race, Urbanization and the Policy Mindset

Examines African American urbanization, and the insight that process provides into patterns of thought, policy formulation and organizational growth among African Americans. Offers perspective on the *corpus* of knowledge regarding the African American experience, on the disciplinary tools furthering that inquiry and on policy choices in post-industrial society.

Credit Hours: 3 hrs

Previously Listed As: AAS 231 - Urbanization and the African American Community

Course Revisions: This course will have a title change from "Urbanization and the African American Community" to "Race, Urbanization and the Policy Mindset," effective Winter 2013. The revision also includes a course description change.

Last Updated: Title and Description Change 10/2012, effective Winter 2013

AAS 232 - Politics in the African American Experience (Gen Ed Area III)

This course is designed to provide the student with a knowledge of Black political behavior in the United States in its evolution from protest to contemporary institutional politics.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

AAS 232 Politics in the African American Experience

AAS 232 Politics in the African American Experience is a study of black political behavior in the United States and its evolution

from protest to institutional, electoral politics. In examining the functioning and dynamics of the American political system from historical and contemporary perspectives, the course also compares and contrasts the black political experience with other minority group politics in the United States. This course uses the African American political experience and the transformative contributions that African American historic political struggles and minority group politics have made to the expansion and public appreciation of democratic principles, values and practices in the United States as a means of not only providing students with a multicultural perspective on the evolution and functioning of the American political system, but also exposing them to the diversity that characterizes "issues and perspectives" in the American political experience.

Last Updated: Links 06/2011

AAS 233 - Public Policy and African Americans

This course examines the implications of major and evolving national public policies and policy alternatives for economically vulnerable and/or historically disadvantaged segments of the population, particularly African Americans. Such policies include those related to social welfare, education, campus climate, employment, mass communication, housing, affirmative action and drug and crime control.

Credit Hours: 3 hrs

AAS 243 - Black Women: Politics and Racism

This course examines American politics as it relates to African American women. The course analyzes ways in which political issues affect black women differently than African American men, white men and white women. Considerable attention is given to the definition of the political realm as opposed to the nonpolitical realm when discussing groups traditionally marginalized or excluded from political life.

Credit Hours: 3 hrs

Cross-Listed with: PLSC 243; WGST 243

Last Updated: 2/17/2011

AAS 272 - Hip Hop Lyricism in African American Culture

This course is an examination of the cultural continuity exemplified by the socially conscious hip hop lyricism to the African American poetic and musical forms that preceded it.

Credit Hours: 3 hrs

AAS 277 - Special Topics

Each time offered, this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 1 hr

AAS 278 - Special Topics

Each time offered, this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 2 hrs

AAS 279 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 3 hrs

AAS 297 - Independent Study

Independent study of a select topic under staff supervision. Possible approaches include library research, field research and participant-observer experiences.

Credit Hours: 1 hr

Prerequisite: department permission

AAS 298 - Independent Study

Independent study of a select topic under staff supervision. Possible approaches include library research, field research and participant-observer experiences.

Credit Hours: 2 hrs

Prerequisite: department permission

AAS 299 - Independent Study

Independent study of a select topic under staff supervision. Possible approaches include library research, field research and participant-observer experiences.

Credit Hours: 3 hrs

Prerequisite: department permission

AAS 302W - Writing for African American Studies (Gen Ed Area I, W)

This course will help students produce research papers, construct analytical reviews and perform documentary research needed to better explore the literature, culture and institutional and social processes that define the field of African American Studies.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Previously Listed As: AAS 301W

Last Updated: number change 11/2012, effective Winter 2013

AAS 311 - The African Diaspora

Examines the African diaspora — the dispersion of persons of African descent throughout the world. It studies the process of dispersion, examines select diasporic communities and considers the impact of the African presence on world development.

Credit Hours: 3 hrs

AAS 312 - African Civilization

This course is designed to provide the student with an interdisciplinary knowledge of centers of African civilization from antiquity to the 1960s. Those centers include ancient Egypt, Songhai, Kilwa and Monomotapa.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or higher

Last Updated: Class Restriction Change 08/2011, effective Fall 2011

AAS 313 - Contemporary Africa: The Struggle and Prospects for Development (Gen Ed Area III)

This course serves as a survey of Africa's contemporary political economy. In examining postcolonial developments, the course focuses on regional and national strategies for social transformation.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

AAS 313 Contemporary Africa: the Struggle and Prospects for Development

AAS313 Contemporary Africa: the Struggle & Prospects for Development is designed as a survey of Africa's contemporary political economy. In examining post-colonial efforts at development, the course focuses on a cross-section of regional and national strategies for social transformation. Among subjects emphasized are economic cooperation and coordination initiatives on the continent, side by side with domestic and/or external constraints on national socioeconomic developmental efforts. The course also compares and contrasts Africa's major socioeconomic trends and performances with those of Latin America & the Caribbean and Asia and Pacific regions. This course meets the Global Awareness category of the General Education Program because its survey of the contemporary political-economic conditions of Africa will help to provide EMU students with a global perspective on forms of development in the contemporary world. Such a global perspective on development is all the more necessary, given the leadership role that the United States and Western Europe play within the international community.

AAS 351 - The Social Context of African American Health (Gen Ed Area IV)

Examines the health status of African Americans. Explores the interplay between environment, biology and culture; folk and popular health practices; and the organization and delivery of health care.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

AAS 351 The Social Context of African American Health

AAS351 applies an analysis of the social and cultural basis of health to the African American experience. To this end the course provides a broad introduction to social science suppositions and techniques. AAS 351 moves well beyond the idea that medical care- its presence, absence or quality- is the singular or most critical factor determining the health of a people, community or society. It reveals the importance of social phenomena in disease resistance and health promotion. Historical shifts from the prominence of infectious to chronic diseases; the implications to health of chattel slavery, sharecropping, segregation, poverty and structured inequality; the relationship between psychosocial factors and disease, i.e., destabilized social settings that compromise resistance to disease; environmental racism; and the health status of African Americans as it relates to the organization of work, family structure and function, religious beliefs, the organization of medical care, lifestyle, consumer manipulation and post-industrial society are major issues addressed by the course.

AAS 361 - The African American Family

Examines the historical and contemporary forces shaping the African American family. Analyzes urbanization, economic transformations and institutionalized racism. Studies the role of the family in human survival and progress.

Credit Hours: 3 hrs

AAS 362 - Black Women: Religion and Sexism

An introduction to the social and political role of Black women in African American religious institutions. Particular attention will be placed on how African American religion has limited the power of women. Additionally, the course will examine the historical evolution of the various major black denominations in America and their political and social roles in African American communities.

Credit Hours: 3 hrs

Cross-Listed with: PLSC 362; WGST 362

Last Updated: 2/17/2011

AAS 370 - Films of the African American Experience

This course examines African American literature that has been adapted to film. Film history about African American involvement in the industry, including filmmakers is studied. The course involves developing techniques of analyzing fiction and drama as well as film adaptations of the African American experience.

Credit Hours: 3 hrs

AAS 377 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 1 hr

Prerequisite: department permission

AAS 378 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 2 hrs

Prerequisite: department permission

AAS 379 - Special Topics

Each time offered this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 3 hrs

Prerequisite: department permission

AAS 401 - African American Studies Research Seminar

Provides intensive exposure to research methods in African American studies, and offers an opportunity for primary research in the field.

Credit Hours: 3 hrs

Last Updated: .

AAS 402 - African American Studies Internship Seminar

The African American Studies Internship Seminar is designed as a practicum in which majors and minors in African American Studies can acquire a practical experience of an African American organization.

Credit Hours: 3 hrs

Prerequisite: AAS 101 and AAS 201 and AAS 233; or department permission

Last Updated: 2/17/2011

AAS 441 - Law in the African American Experience

Examines the African American legal experience from the Atlantic slave trade to the present. Reviews the formation of the Constitution, the law of slavery, Reconstruction-era developments, Jim Crow segregation and recent legal trends in areas such as education, voting and employment. Emphasizes law as a social process.

Credit Hours: 3 hrs

AAS 477 - Special Topics

Each time offered, this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 1 hr

Prerequisite: department permission

AAS 478 - Special Topics

Each time offered, this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 2 hrs

Prerequisite: department permission

AAS 479 - Special Topics

Each time offered, this course will explore a topic on an experimental basis, based on student interests and needs. This course can be used in completing requirements for the major or minor in African American studies.

Credit Hours: 3 hrs

Prerequisite: department permission

AAS 497 - Independent Study

Independent study of a select topic under staff supervision. Possible approaches include library research, field research and participant-observer experiences.

Credit Hours: 1 hr

Prerequisite: department permission

AAS 498 - Independent Study

Independent study of a select topic under staff supervision. Possible approaches include library research, field research and participant-observer experiences.

Credit Hours: 2 hrs

Prerequisite: department permission

AAS 499 - Independent Study

Independent study of a select topic under staff supervision. Possible approaches include library research, field research and participant-observer experiences.

Credit Hours: 3 hrs

Prerequisite: department permission

Art Programs and Courses

Art

Major

Art History Major

This 36-hour major prepares students for graduate study, for gallery or museum work, or, with the addition of science and studio courses, for a career in conservation.

Art history majors should note that one year of college credit in a foreign language is required for the B.A. degree in art history. Most graduate programs in art history require reading proficiency in at least two foreign languages. Teacher certification in art is not obtainable using this major.

Art Department Information:

Department Head: Colin Blakely

Department Contact: cblakely@emich.edu

Website: <http://www.emich.edu/art/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 36 hours

Students in this program are granted a waiver of the University requirement that students may not earn "more than 60 credit hours in one subject area (prefix)."

Required Courses: 18 hours

- ARTH 161 - Survey of Non-Western Art (Gen Ed Area III, IV) 3 hrs
- ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264W - Survey of Western Art III (Gen Ed Area I, W) 3 hrs
- ARTH 361W - Art History Seminar (Gen Ed Area I, W) 3 hrs
- ARTS 121 - Two-Dimensional Design 3 hrs

Elective Courses: 15 hours

Students must choose one course from each of the following sub-sections below.

Pre-Renaissance Art

One course from the following:

- ARTH 368 - History of Classical Art 3 hrs
- ARTH 468 - Medieval Art History 3 hrs

Renaissance/Baroque Art

One course from the following:

- * ARTH 151 - Reason and Revolution (Gen Ed Area IV) 3 hrs
- ARTH 369 - History of Renaissance Art 3 hrs
- ARTH 469 - Baroque Art 3 hrs

Modern and Contemporary Art

One course from the following:

- ARTH 374 - American Painting and Sculpture 3 hrs
- ARTH 472 - History of American Architecture 3 hrs
- ARTH 473 - Women in Art 3 hrs
- ARTH 475 - Seminar in Modern and Contemporary Art 3 hrs

Non-Western or Women's Art

One course from the following:

- ARTH 267 - History of Asian Art (Gen Ed Area IV) 3 hrs
- ARTH 467 - Art of East Asia 3 hrs
- ARTH 470 - Arts of Africa 3 hrs
- ARTH 471 - Mesoamerican Art 3 hrs
- ARTH 476 - Art of China 3 hrs

Elective

Any 300-level or higher art history course not taken to fulfill another requirement

Cognate: 3 hours

Choose one of the following courses:

- AAS 102 - Introduction to African Civilization (Gen Ed Area III) 3 hrs
- AAS 311 - The African Diaspora 3 hrs
- AAS 312 - African Civilization 3 hrs
- AAS 370 - Films of the African American Experience 3 hrs
- ANTH 150 - Introductory Archaeology (Gen Ed Area IV) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- CASI 240 - Reel Women/Real Women 3 hrs
- CHL 351 - World Mythology 3 hrs

- CLAS 106 - Rome and America (Gen Ed Area IV) 6 hrs
- CLAS 181 - The Legacy of Greece 3 hrs
- CLAS 301 - Classical Mythology 3 hrs
- CLAS 321 - Women and Gender in the Ancient World 3 hrs
- CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs
- CTAT 245 - A Survey of American Cinema 3 hrs
- CTAT 335 - Studies in Film 3 hrs
- HIST 100 - The Comparative Study of Religion (Gen Ed Area IV) 3 hrs
- HIST 106 - Asian and African Civilizations 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 116 - Intro to American Indian History (Gen Ed Area III) 3 hrs
- HIST 151 - Reason and Revolution (Gen Ed Area IV) 3 hrs
- HIST 201 - The Religions of South and East Asia 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III) 3 hrs
- HIST 303 - History of American Religion 3 hrs
- HIST 306 - Hinduism 3 hrs
- HIST 307 - Buddhism 3 hrs
- IDE 226 - History of Interiors from 1800 to Present 3 hrs
- LITR 106 - Rome and America (Gen Ed Area IV) 6 hrs
- LITR 181 - The Legacy of Greece 3 hrs
- LITR 251 - The Bible as Literature 3 hrs
- LITR 361 - Studies in Native American Literature 3 hrs
- PHIL 212 - Philosophy of Art (Gen Ed Area IV) 3 hrs
- PHY 101 - Physical Science in the Arts (Gen Ed Area IV) 4 hrs
- WGST 321 - Women and Gender in the Ancient World 3 hrs

Foreign Language Requirement: 6-10 hours

Any two sequential courses in a single foreign language

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** Students may contract with art history faculty to include lower-numbered art courses for elective credit, with additional work.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Art Major

Catalog Correction | This major was modified on March 29, 2017, to correct an error. The "All courses must be passed with a grade of "C" or above" requirement" only applies to the *Graphic Design Concentration*.

The Bachelor of Science in Art is designed to allow students to explore Studio Art and Art History within a diverse liberal arts context. Foundation courses give students a basic skill set in both Art History and Studio practices, and a 9-credit area of concentration allows for a more in depth exploration in a medium of the student's choosing.

Art Department Information:

Department Head: Colin Blakely

Department Contact: cblakely@emich.edu

Website: <http://www.emich.edu/art/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 39 hours

Students in this program are granted a waiver of the University requirement that students may not earn "more than 60 credit hours in one subject area (prefix)."

Required Course (Foundations): 21 hours

- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 126 - Foundations Drawing II 3 hrs
- ARTS 127 - Foundations Digital Media 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- ARTS 390W - Studio Concepts (Gen Ed Area I, W) 3 hrs

Art History (6 Credit Hours)

Students must select 2 of the following courses:

- ARTH 161 - Survey of Non-Western Art (Gen Ed Area III, IV) 3 hrs
 - ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
 - ARTH 263 - Survey of Western Art II 3 hrs
- *students must complete ARTH 162 prior to ARTH 263.

Area of Concentration: 9 hours

Select a sequence of 3 courses (as outlined under the Bachelor of Fine Arts degree) in one of the following areas listed below. Six credit hours must be at the 300-level or above.

Ceramics Concentration
Drawing Concentration
Fibers Concentration
Furniture Design Concentration
Graphic Design Concentration
Metalsmithing Concentration
Painting Concentration
Photography Concentration
Printmaking Concentration
Sculpture Concentration
Watercolor Concentration

Elective Courses: 3 hours

3 credit hours from art studio and/or art history courses selected in consultation with an adviser.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Bachelor of Fine Arts

Catalog Correction | This major was modified on August 8, 2016, to correct an error. The "All courses must be passed with a grade of "C" or above" requirement" only applies to the Graphic Design Concentration

Revised Program November 2012, Effective Winter 2013

The Bachelor of Fine Arts is designed to encourage students to develop a personal focus and direction as well as learn to function professionally as artists.

An extensive range of foundation courses, culminating in ARTS 290 - Studio Concepts and the accompanying Foundations Review provides students with the basic skills they need to be successful in upper-level courses. The required area of concentration allows students to gain a level of expertise in a specific medium and use that expertise to refine their own artistic vision. Art elective requirements allow students to gain practical knowledge in a range of media as well as to engage in experiences that support their area of concentration. A Capstone course provides direction for their future professional careers and gives students an immersive experience by requiring them to exhibit and disseminate their work.

Art Department Information:

Department Head: Colin Blakely
Department Contact: cblakely@emich.edu
Website: <http://www.emich.edu/art/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 81 hours

Students in this program are granted a waiver of the University requirement that students may not earn "more than 60 credit hours in one subject area (prefix)." *Students may apply up to, but not exceed 63 hours in one subject area (prefix) toward their degree.*

Foundations: 21 hours

- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 126 - Foundations Drawing II 3 hrs
- ARTS 127 - Foundations Digital Media 3 hrs
- ARTS 290 - Studio Concepts 3 hrs

Art History: 15 hours

- * One upper-level Art History course (3 hrs)
- ARTH 161 - Survey of Non-Western Art (Gen Ed Area III, IV) 3 hrs
- ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264W - Survey of Western Art III (Gen Ed Area I, W) 3 hrs

Studio Courses: 45 hours

Required Studio Courses: 6 hours

- ARTS 205 - Beginning Life Drawing 3 hrs
- ** ARTS 490W - Capstone (Gen Ed Area I, W) 3 hrs

Area of Concentration: 15-21 hours

Choose from one of the concentrations below:

Ceramics Concentration

Drawing Concentration

Fibers Concentration

Furniture Design Concentration

Graphic Design Concentration

Metalsmithing Concentration

Painting Concentration

Photography Concentration

Printmaking Concentration

Sculpture Concentration

Time-Based Media Concentration

Watercolor Concentration

Arts Studio Electives: 18-24 hours

Select from studio arts courses in consultation with an adviser.

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

** Students in Graphic Design must take ARTH 474 - History of Graphic Design*

*** Course must be taken concurrently with the final course in chosen Area of Concentration. Capstone is a Writing Intensive class and meets the requirements of the General Education Program.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 Arts Education

The K-12 Bachelor of Arts in Arts Education program is designed to prepare students to develop proficient skills in studio work, art inquiry, and teaching the visual arts. The program meets the Michigan Standards for Visual Arts Education programs and the National Art Education Standards for Teacher Preparation Programs.

Successful completion of this course of studies, in the context of other program requirements, qualifies the student for recommendation for certification for the Michigan Department of Education Elementary-Secondary Provisional Certificate endorsed in art, certification code LQ. The Michigan Test for Teacher Certification (MTTC) covering this field is #095, "Visual Art Education."

Art Department Information:

Department Head: Colin Blakely
Department Contact: cblakely@emich.edu
Website: <http://www.emich.edu/art/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:

1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 57 hours

Students in this program are granted a waiver of the University requirement that students may not earn "more than 60 credit hours in one subject area (prefix)." *Students may apply up to, but not exceed 63 hours in one subject area (prefix) toward their degree.*

Foundations: 36 hours

- ARTE 355 - Interpreting Art in Visual Arts Education 3 hrs
- ARTH 161 - Survey of Non-Western Art (Gen Ed Area III, IV) 3 hrs
- ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264W - Survey of Western Art III (Gen Ed Area I, W) 3 hrs
- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 126 - Foundations Drawing II 3 hrs
- ARTS 127 - Foundations Digital Media 3 hrs
- ARTS 290 - Studio Concepts 3 hrs

Studio Courses: 21 hours

Arts Studio Electives: 12 hours

Select from studio arts courses in consultation with an adviser. Students must choose a minimum of two electives in a 3-dimensional media and a minimum of two electives in a 2-dimensional media. All electives must be within different areas of concentration.

Area of Concentration: 9 hours

Select three courses in one of the concentrations below:

Ceramics Concentration

Drawing Concentration

Fibers Concentration

Furniture Design Concentration

Graphic Design Concentration

Metalsmithing Concentration

Painting Concentration

Photography Concentration

Printmaking Concentration

Sculpture Concentration

Time-Based Media Concentration

Watercolor Concentration

Professional Secondary Education Sequence

Pre-Admission Phase: The Learner and the Community: 10 hours

Prerequisite: Sophomore standing or higher.

- ARTE 357 - Introduction to Visual Arts Education 3 hrs
- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 12 hours

Prerequisite: Completion of Pre-Admission Phase is required.

- ARTE 358 - Curriculum and Assessment in Visual Arts Education 3 hrs
- ARTE 359 - Practicum in Visual Arts Education 3 hrs
- ARTE 360 - Technology in Visual Arts Education 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 10 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- ARTE 460 - Approaches to Teaching Visual Arts Education 4 hrs
- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 12 hours

All Visual Arts Education students (including double majors, second bachelors and additional endorsements) will be responsible for fulfilling student teaching requirements in visual arts.

- EDUC 496 - Student Teaching 6 hrs
- EDUC 497 - Student Teaching 6 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

* Students in Graphic Design must also take ARTH 474

** Course must be taken concurrently with the final course in chosen Area of Concentration. Capstone is a Writing Intensive class and meets the requirements of the General Education Program.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Art History Minor

Students with an art major who elect the art history minor must replace ARTH 162, ARTH 263, and ARTH 264W in the major with studio courses.

Art Department Information:

Department Head: Colin Blakely
Department Contact: cblakely@emich.edu
Website: <http://www.emich.edu/art/>

Required Courses: 15 hours

- ARTH 161 - Survey of Non-Western Art (Gen Ed Area III, IV) 3 hrs
- ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264W - Survey of Western Art III (Gen Ed Area I, W) 3 hrs
- ARTH 475 - Seminar in Modern and Contemporary Art 3 hrs

Restricted Elective Courses: 6 hours

Six hours from art history courses selected in consultation with art history minor advising coordinator. At least 3 hours must be at the 300-level or above.

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Art Minor

Art Department Information:

Department Head: Colin Blakely

Department Contact: cblakely@emich.edu

Website: <http://www.emich.edu/art/>

Required Courses: 9 hours

- One art history (ARTH) course (3 hrs)
- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs

Elective Courses: 12 hours

Twelve hours in studio art or art history, including art courses for non-majors, of which at least six hours must be at the 200-level or above.

Minor Total: 21 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Art Education

ARTE 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 177

Last Updated: 03/2011

ARTE 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 178

Last Updated: 03/2011

ARTE 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 179

Last Updated: 03/2011

ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV)

Teacher candidates will develop the basic skills to meaningfully integrate the visual arts across the elementary school curricula by learning approaches to guide K-12 students to 1) create images that express their own views, 2) interpret images from diverse artistic traditions that address important life issues across time and place, and to 3) explore the differences and the commonalities that the visual arts share with other art disciplines, the humanities and the sciences.

Credit Hours: 3 hrs

Major Restrictions: Non-Art majors only

Previously Listed As: ART300, ART220

Last Updated: 03/2011

ARTE 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 277

Last Updated: 03/2011

ARTE 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 278

Last Updated: 03/2011

ARTE 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 279

Last Updated: 03/2011

ARTE 355 - Interpreting Art in Visual Arts Education

The goal of this course is to teach strategies for interpreting possible meanings of visual images and objects from diverse cultural contexts as an integral and meaningful part of learning about art. It targets pre-service visual arts education students and is open to any interested students.

Credit Hours: 3 hrs

Prerequisite: ARTH 161 and one of the following: ARTH 162, ARTH 165, ARTH 263 or ARTH 264W

Class Restrictions: Sophomore standing or higher only

Previously Listed As: ARTE 458

Last Updated: Course Revision 12/2011, effective Winter 2012

ARTE 357 - Introduction to Visual Arts Education

Focuses on a comprehensive approach to art education and will include library research, readings, writings and discussions of current events aided by presentations of guest speakers. Final requirement: the development of a written personal philosophy pertaining to the teaching of art and the formulation of a general curriculum.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or above, and department permission

Previously Listed As: ART317

Last Updated: effective winter 2011

ARTE 358 - Curriculum and Assessment in Visual Arts Education

This course is designed to prepare visual arts teacher candidates to engage K-12 students of diverse backgrounds and abilities in meaningful experiences using the visual arts. Candidates explore prevailing approaches for developing curriculum and assessment tools in Visual Arts Education and then design units that facilitate students' construction of meaning.

Credit Hours: 3 hrs

Prerequisite: ARTE 357, ARTE 360, EDPS 322, admission to the Initial Teacher Preparation Program, and department permission

Corequisites: ARTE 359

Major Restrictions: BFA with K-12 certification and Bachelor of Visual Arts Education students only

Last Updated: New Course 05/2011, effective Spring 2011; Prerequisites/Concurrent Prerequisites/Corequisites 05/2011, effective Fall 2011

ARTE 359 - Practicum in Visual Arts Education

In this practicum, teacher candidates are provided extended opportunities to observe, practice, teach and reflect on their experiences in visual arts classrooms at both elementary and secondary levels. Field placements in diverse school communities are arranged and supervised by VAE faculty in collaboration with practicing visual arts educators.

Credit Hours: 3 hrs

Prerequisite: ARTE 357, ARTE 360, EDPS 322, admission to the Initial Teacher Preparation Program, and department permission

Corequisites: ARTE 358

Major Restrictions: BFA with K-12 certification and Bachelor of Visual Arts Education students only

Last Updated: New Course 05/2011, effective Spring 2011; Prerequisites/Concurrent Prerequisites/Corequisites 05/2011, effective Fall 2011

ARTE 360 - Technology in Visual Arts Education

This course prepares pre-service art teachers for technology applications in art education. These applications include artmaking, inquiry, classroom management, communication, assessment, professional development and arts advocacy. Students will learn hardware and software as well as critically and creatively apply educational concepts and principles in technology integration for meaningful art learning.

Credit Hours: 3 hrs

Prerequisite: CURR 305; department permission

Major Restrictions: Visual Arts Education Majors only and admission to the College of Education

Previously Listed As: ART 331 **Course Revisions:**

Course Revisions: This course will have a prerequisite change from "CURR 305; department permission" to "none," effective Winter 2013. The revision also includes a corequisite change from "none" to "ARTE 358 and department permission."

Last Updated: Prerequisite and Corequisite Change 05/2012, effective Winter 2013

ARTE 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 377

Last Updated: 03/2011

ARTE 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 378

Last Updated: 03/2011

ARTE 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 379

Last Updated: 03/2011

ARTE 460 - Approaches to Teaching Visual Arts Education

This professional education course is designed to prepare visual art teacher candidates for engaging K-12 students of different backgrounds and abilities in meaningful visual art learning experiences. Teacher candidates investigate significant contemporary visual art education approaches and issues, and design units of instruction for elementary and secondary levels. This course includes an extended hands-on academic service learning experience at Riverside Art Center.

Credit Hours: 4 hrs

Prerequisite: ARTE 357, and department permission

Class Restrictions: Junior standing

Major Restrictions: Admission to the Initial Teacher Preparation Program

Previously Listed As: ART 416

Course Revisions: This course will have a prerequisite change from "ARTE 357, and department permission" to "ARTE 357, ARTE 358 and department permission," effective Winter 2013. The revision also includes a class restriction change from "Junior standing" to "none."

Last Updated: Prerequisite and Class Restriction Change 05/2012, effective Winter 2013; Credit Hours 07/2011

ARTE 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 477

Last Updated: 03/2011

ARTE 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 478

Last Updated: 03/2011

ARTE 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 479

Last Updated: 03/2011

Art History

ARTH 100 - Art Appreciation (Gen Ed Area IV)

The aim is to acquaint students with art philosophies, their elements, principles and values.

Credit Hours: 3 hrs

Previously Listed As: ART100

Area IV: Knowledge of the Disciplines

ARTH 100 Art Appreciation [was FA 100]

Visual culture is an important means of expression and communication in the contemporary world. From advertisements to traffic signs, from television shows to food packaging, visual communication is used today to inform, manipulate and record social, political and economic values of our society. The visual culture of today is an extension and evolution of the visual culture of the past. Art is a primary means by which people throughout the world have been recording and relating their cultural values, philosophies, social identities and historical development. Art appreciation is the skill by which one can read, understand and enjoy these works of art. Through an understanding of important works of art, and the great artists who produced them, this course will be of value in the critical and intellectual understanding of the evolution of our history.

A student who successfully completes this course will learn how aesthetics, history, the visual vocabulary of art, the relationship between content and form and the dynamics of the visual language are the necessary means by which we increase our knowledge and awareness of ourselves, our culture and the world in which we live. Through the examination of important works of art, students will learn the essential descriptive vocabularies of the visual arts, how formal properties (style) shape and inform the content of a given work of art. Students will develop an ability to decode iconographic symbols and stylistic conventions that are culturally and historically specific, as well as symbols and intentions specific to particular artists and their work.

Last Updated: 07/2010 Effective 2010

ARTH 151 - Reason and Revolution (Gen Ed Area IV)

An examination of the transition in political history, philosophy, art, literature and music from Puritan England and Louis XIV's France to Napoleon. Team taught by members of the Art and History departments.

Credit Hours: 3 hrs

Previously Listed As: ART151

[Honors Only]

Area IV: Knowledge of the Disciplines

ARTH 151 Reason and Revolution [effective Fall 2008]

This inter-disciplinary course in history and art history is intended to introduce students to the works of art, philosophy and literature associated with a major turning point in European and world history- the Enlightenment and the French Revolution. It will offer students the opportunity to study the ideas that found their first political expression in the American Constitution, from their beginnings in the 17th century France and England through through the turmoil of revolution and war. The course will encourage students to analyze and write about a variety of artistic, philosophical and literary works in a specific historical context, and to understand how political events influenced humanistic thought and how the humanities shaped political and social change.

ARTH 161 - Survey of Non-Western Art (Gen Ed Area III, IV)

An introductory historical survey of the visual arts and architecture of cultures not directly linked to the artistic and cultural traditions of Western Civilization. Art works by the native inhabitants of Africa, Oceania, Asia and the Americas are examined for their historical and cultural significance.

Credit Hours: 3 hrs

Previously Listed As: ART109

Area III: Perspectives on a Diverse World

Since the dawn of humanity human societies have been driven to create and embellish material objects giving visual expression to cultural values, social identities, religious beliefs, and individual concerns. Since art is a cultural phenomenon integral to the lives of people throughout the globe the study of it is a great way to gain timely and substantive insight into diverse cultures and the issues that concern them. Art from other places and times can also reveal ways of looking and thinking about the world and the place of humans in it that are different than one's own. For these reasons this course, which is concerned with the study of artworks created by artists whose primary cultural affiliations and ethnic heritages lie outside the greater European cultural context, meets the Global Awareness category of the General Education program. Through the study of artworks, the contexts in which they were created, and the people who made them, one will gain a foundational knowledge of diverse cultures throughout the globe and help one develop an awareness and sensitivity to different viewpoints on local and global issues and concerns that are voiced by artists from cultural backgrounds beyond the Western world.

Area IV: Knowledge of the Disciplines

ARTH 161 Survey of Non-Western Art

The visual arts of non-western cultures are an important part of our world heritage. Art is an expression of cultural values, social identities and a means by which people throughout the globe have used to make meaning and sense of their world. A knowledge of non-western art should be no less important as part of a student's general education program than an understanding of great artworks and famous artists of western civilization. In the increasing interconnectedness and globalizing world of the present it is important that recognition be given to artistic achievements of other cultures as well as how those achievements relate to the art of ones own culture and that of others make meaning through art. Through the examination of non-western artworks students will learn the essential descriptive vocabularies of the visual arts, how formal properties (style) shape and inform the content of a given work of art; they will develop an ability to decode iconographic symbols and stylistic conventions that are culturally and historically specific. Students will also become more aware of the interrelationships among different cultures and the historic dynamics that have shaped the world and how an understanding of art can reveal cultural biases and help to better appreciate global diversity.

Last Updated: 12/2010

ARTH 162 - Survey of Western Art I (Gen Ed Area IV)

A survey of the development of the visual arts of the western world, from Paleolithic times art through the late Gothic period.

Credit Hours: 3 hrs

Previously Listed As: ART107

Area IV: Knowledge of the Disciplines

ARTH 162 Survey of Western Art I [was FA 107]

ARTH 162 allows students to learn the content and methodologies by which one can understand the meaning presented in the visual arts. Through lectures and discussion, students will learn the essential descriptive vocabulary of the visual arts, and how formal properties (style) shape and inform the content of a given piece of art or architecture. In addition, they will develop an ability to decode iconographic symbols and stylistic conventions that are culturally and historically specific and significant. For example, a comparison between the art of Akenaton's kingdom and both earlier and later periods of ancient Egypt, students will see the important changes wrought in the culture and religion of the Late Kingdom. Students will also become more aware of the interrelationships among different cultures and the historical dynamics that have shaped the world and its visual expression.

ARTH 165 - Postmodern and Contemporary Art

This course, an introduction to the major trends and movements in recent art, is designed to help students learn and think critically about prevalent attitudes and theories about contemporary visual culture as well as to recognize the increasingly vital role played by the mass media and technology in the creation and dissemination of art. New media, such as video and digital art, and innovative forms of visual expression, such as conceptual and environmental art, will be investigated. Art will be examined as a response to current social, cultural, political and gender issues as will the reasons why artists make the shift from modernist to post-modernist strategies for making their work.

Credit Hours: 3 hrs

Previously Listed As: ART440

ARTH 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 177

Last Updated: 03/2011

ARTH 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 178

Last Updated: 03/2011

ARTH 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 179

Last Updated: 03/2011

ARTH 255 - Visual and Cinematic Arts Since 1900 (NEW COURSE)

This is an interdisciplinary course that explores the similarities and differences among the visual and cinematic arts as well as their influences on one another since 1900. Students will see paintings, drawing, photographs, and films representative of key artistic movements of the last century and explore the social, economic, political, and aesthetic factors that influenced their creation.

Credit Hours: 3 hrs

Cross-Listed with: CTAT 255

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

ARTH 263 - Survey of Western Art II

A continuation of the survey of western art from the Renaissance to 1880.

Credit Hours: 3 hrs

Prerequisite: ARTH 162

Previously Listed As: ART 108

Last Updated: 2/18/2011

ARTH 264W - Survey of Western Art III (Gen Ed Area I, W)

A continuation of the survey of western art from 1880 to the present day.

Credit Hours: 3 hrs

Prerequisite: ARTH 263

Last Updated: Removed "Previously Listed As" 02/2012

ARTH 267 - History of Asian Art (Gen Ed Area IV)

A survey of Far Eastern art, with emphasis on the artistic and cultural traditions of South Asia, China and Japan. Works of art are examined for their cultural and historical significance.

Credit Hours: 3 hrs

Previously Listed As: ART 221

Area IV: Knowledge of the Disciplines

History of Asian Art

In this course art is treated as an expression of cultural values, social identities and a means through which the people of Asia have made meaning and sense of their world. Across the continent of Asia many rich and long lasting artistic traditions have emerged and still play an important role in the lives of the people who live there. Through the examination of Representative artworks and architectural monuments of Asia students will learn the essential descriptive vocabularies of the visual arts, how formal properties (style) shape and inform the content of a given work of art; they will develop an ability to decode iconographic symbols and stylistic conventions that are culturally and historically specific. Although this course focuses on the art of Asia the concepts and methods for understanding art learned in this class are also applicable to understanding art in other contexts. Students will also become more aware the interrelationships among different cultures and the historical dynamics that have shaped the cultural and political landscape of Asia and how an understanding of art can reveal cultural biases and help one better appreciate global diversity.

Last Updated: 2/15/2011

ARTH 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 277

Last Updated: 03/2011

ARTH 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 278

Last Updated: 03/2011

ARTH 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 279

Last Updated: 03/2011

ARTH 361W - Art History Seminar (Gen Ed Area I, W)

This junior seminar will serve as the writing intensive course for the Art History major. Topics will vary. Students will be introduced to reading scholarly literature, research, writing art historical analyses, and presenting finds in a discipline-specific form.

Credit Hours: 3 hrs

Prerequisite: ARTH 161, ARTH 264W and department permission

Previously Listed As: ARTH 361

This course is offered as a part of the General Education Program and satisfies the Writing Intensive requirement.

Last Updated: Gen Ed Approval 03/2012, effective Fall 2012; New Course 12/2011

ARTH 368 - History of Classical Art

A study of the art and architecture of the classical civilization of Greece and Rome.

Credit Hours: 3 hrs

Prerequisite: ARTH 162 or department permission

Previously Listed As: ART 340

Last Updated: 2/18/2011

ARTH 369 - History of Renaissance Art

A history of Italian art from the Proto-Renaissance (about 1250 A.D.) through the period of mannerism (1600).

Credit Hours: 3 hrs

Prerequisite: ARTH 263 or department permission

Previously Listed As: ART 341

Last Updated: 2/18/2011

ARTH 374 - American Painting and Sculpture

A survey of American art, including the impact of European Art.

Credit Hours: 3 hrs

Prerequisite: ARTH 263 or department permission

Previously Listed As: ART 335

Last Updated: 2/18/2011

ARTH 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 377

Last Updated: 03/2011

ARTH 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 378

Last Updated: 03/2011

ARTH 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 379

Last Updated: 03/2011

ARTH 467 - Art of East Asia

A detailed examination of the visual arts of China, Japan and Korea from Neolithic times to the present, with emphasis on the cultural and artistic exchanges between these and surrounding cultures.

Credit Hours: 3 hrs

Prerequisite: ARTH 161 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 422

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 468 - Medieval Art History

The development of medieval art from the Early Christian through Gothic periods.

Credit Hours: 3 hrs

Prerequisite: ARTH 162 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 426

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 469 - Baroque Art

Principal developments in Italian and northern art of the 17th century. Emphasis on major themes and aesthetic problems.

Credit Hours: 3 hrs

Prerequisite: ARTH 263 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 427

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 470 - Arts of Africa

Examines the visual arts of sub-Saharan Africa. Analyzes and investigates the content, materials, techniques and aesthetics of traditional African art within its cultural context. Includes the integration of function and ritual, as evidenced in the tribal objects and artifacts.

Credit Hours: 3 hrs

Class Restrictions: Junior or Senior standing or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART425

Last Updated: Graduate Credit 07/2011

ARTH 471 - Mesoamerican Art

A survey of the art of Mesoamerica, the civilization that existed in Mexico and Central America from about 1500 B.C.E. until the coming of Cortés in 1519. The major emphasis of the course will be on urban planning architecture and monumental sculpture. Significant attention will also be devoted to painting, ceramics, small-scale sculpture, textiles and jewelry.

Credit Hours: 3 hrs

Prerequisite: Junior/senior standing or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART430

Last Updated: Graduate Credit 07/2011

ARTH 472 - History of American Architecture

Exploration of styles and techniques in American architecture from the colonial period to the present, with special emphasis on the sources in foreign traditions. Major figures, including Thomas Jefferson, Louis Sullivan, Frank Lloyd Wright, and Eero Saarinen and major stylistic trends, such as Greek Revival and the International Style, will be traced back through their origins and development.

Credit Hours: 3 hrs

Prerequisite: ARTH 263 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 429

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 473 - Women in Art

A survey of the contributions of female artists in the history of art. Discussions will include the history of women as patrons of the arts and the uses of the female image in art.

Credit Hours: 3 hrs

Prerequisite: ARTH 263 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: WGST 436

Previously Listed As: ART 436

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 474 - History of Graphic Design

This course presents a survey of the history of graphic design from ancient to modern. The subject is investigated in the context of relevant historical and cultural events such as the origins of the alphabet, the invention of typesetting and printing, the industrial revolution, and the digital revolution. Although the course focuses on graphic design and communication systems, it stresses connections between history of graphic design and history of architecture, the decorative arts, and product design.

Credit Hours: 3 hrs

Prerequisite: ARTH 263 and department permission

Class Restrictions: Sophomore standing or above

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 459

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 475 - Seminar in Modern and Contemporary Art

Readings, reports, and group discussions on modern and contemporary art. Topics may vary.

Credit Hours: 3 hrs

Prerequisite: ARTH 264W or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 428

Last Updated: Graduate Credit 07/2011; 2/18/2011

ARTH 476 - Art of China

A survey of the visual arts of China from the ancient to the contemporary taught from a social historical perspective with emphasis on the characteristics of the visual arts of China and the interconnections between art and Chinese society.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit Approval 01/2012, effective Winter 2012; New Course 12/2011

ARTH 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART 477

Last Updated: 03/2011

ARTH 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART 478

Last Updated: 03/2011

ARTH 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART 479

Last Updated: 03/2011

Art Studio

ARTS 101 - Introduction to Art (Gen Ed Area IV)

An introductory course designed to develop understanding of the formal and conceptual aspects of the visual arts. Students will become familiar with art and artists from historical, contemporary, stylistic, and aesthetic perspectives. Emphasis will be on basic studio practices as a means of understanding visual language. No previous experience in art expected.

Credit Hours: 3 hrs

Previously Listed As: ART101

Area IV: Knowledge of the Disciplines

ARTS 101 Introduction of Art [was FA 101]

The visual arts communicate, express, record, capture, affect and reflect the world around us. The knowledge of how and why art has been created, how art relates to history and contemporary culture and understanding creative processes are an important part of any student's general education program. In this course, students will learn how a variety of visual art is produced. They will become familiar with the visual creative process as a means of understanding and appreciating the visual arts. Investigation of contemporary art practices will lead to an understanding of form and content. This will be achieved through hands-on projects, research and writing elements. Lectures, demonstrations, discussions and studio activities will be the primary means of investigation. No previous experience in the arts is expected.

ARTS 102 - Jewelry for Nonmajors

A hands-on approach to provide students with the opportunity to develop artistic and technical skills with metal and other jewelry materials.

Credit Hours: 3 hrs

Previously Listed As: ART167

ARTS 103 - Ceramics for Nonmajors (Gen Ed Area IV)

A hands-on approach to provide students with the opportunity to develop skills and aesthetic understanding in forming, glazing and firing. The emphasis in this beginning course is on hand building forms; however, the use of the potter's wheel will be introduced.

Credit Hours: 3 hrs

Previously Listed As: ART166

Last Updated: Gen Ed Approval 11/2011, effective Fall 2011

ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV)

Problems will explore fundamental design and basic production considerations and the development of a professional design thought process.

Credit Hours: 3 hrs

Previously Listed As: ART165

Area IV: Knowledge of the Disciplines

ARTS 104 Graphic Design for Non-Majors [effective Winter 2009]

Graphic design is a crucial component of visual communication. yet it is often "invisible" to those who encounter it, we are used to reading text without thinking about the impact of the typography- the visual vehicle by which information is transmitted. Visual communication rivals verbal communication in its ability to communicate. The correspondence between content and form is intrinsic to graphic design- design is structured around the communication of information from client and designer to a target audience. The formal material of graphic design, typography and image, must work together effectively in order to communicate the specific content of a project. Through the creation of design artifacts, students will learn the essential descriptive vocabularies of graphic design, and how a designer's choices about type and image in a piece shape the content of design. Through examination and analysis of professional graphic design, students will become familiar with the relationship between creative process and critical thinking. Graphic design offers audiences visual communicative data- in the form of type and image- that reflect, and also orchestrate, an array of cultural concerns. Understanding and experiencing how effective visual communication is produced offers students, insight into the role visual media play in molding the character of a culture.

ARTS 105 - Photography for Non-Majors (Gen Ed Area IV)

This is an introductory course in film-based art black and white photography. It covers the basic tools of the medium, including camera use, film developing, and printing. The class is designed to allow students to become familiar with visual arts and the artistic process using the camera as a tool for personal expression.

Credit Hours: 3 hrs

Notes: Students must supply their own 35 mm film camera.

Previously Listed As: ART168

Area IV: Knowledge of the Disciplines

ARTS 105 Photography for Non-Majors

The visual arts communicate, express, record, capture, affect and reflect the world around us. The knowledge of how and why art has been created, how art relates to history and contemporary culture and an understanding of creative processes are an important part of any student's general education program. This course allows students to become familiar with the visual arts and the artistic process through an in-depth exploration of a single media (photography) and the tools/concepts associated with it.

ARTS 106L - Watercolor for Non-Majors (Gen Ed Area IV, V LBC)

This course will introduce students to traditional and experimental watercolor techniques and processes. This course will provide students with studio experiences and art-making and will explore both contemporary and historical watercolor painting through slides and lectures.

Credit Hours: 3 hrs

Previously Listed As: ART169L

Area IV: Knowledge of the Disciplines

ARTS 106L Watercolor for Non-Major (also fulfills Area V, Group 3, Option III)

Visual art is an important tool for communication both in public and personal contexts. Making art as well as learning to interpret both historical and contemporary art teaches students to be more visually aware, and gives them a richer understanding of visual media in both fine arts and contemporary culture. Watercolor painting is a visual art medium that has an historical presence in world art, while continuing to play a role in contemporary painting and drawing and in popular culture. This course provides students with a hands-on experience in studio art, beyond the classroom activities in the form of arts, lectures and gallery experiences, and exposure to knowledge and skills important for both creating visual pieces and for understanding how visual art, specifically painting communicates. In this course, students learn both traditional and experimental watercolor technique and processes and explore ways to combine the formal visual elements of their work with the content. Importantly, these experiences will help to increase awareness and understanding of visual art in contemporary culture, while empowering students to investigate different and creative means of expression.

Last Updated: Links 03/2011

ARTS 121 - Two-Dimensional Design

A foundation course dealing with an analytical approach to the study of the elements of design: color, line, shape, value and texture.

Credit Hours: 3 hrs

Previously Listed As: ART122

ARTS 122 - Three-Dimensional Design

Basic study of three-dimensional structures and systems.

Credit Hours: 3 hrs

Previously Listed As: ART131

ARTS 123 - Foundations Drawing I

Introduction to drawing fundamentals with an emphasis on object and spatial representation through descriptive and expressive means. Individual problems assigned to foster the development of competent observational skills in a variety of media and to expose students to basic terminology. Group discussions and critiques are frequent.

Credit Hours: 3 hrs

Previously Listed As: ART123

ARTS 126 - Foundations Drawing II

Further exploration of drawing fundamentals with an emphasis on interpretive skills and composition. Extensive experimentation in basic drawing media, pictorial organization, and idea generation are stressed. Subjects such as the human figure are introduced and group discussions and critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 121 and ARTS 123

Previously Listed As: ART 124

Last Updated: 2/18/2011

ARTS 127 - Foundations Digital Media

This course is an introduction to the use of the computer as an art-making tool. Through readings, lectures, and discussions students will explore a wide range of approaches to digital media as well as its larger cultural implications. Exposure to contemporary artists who use the computer at some point in their process will give students insight into its applications across all media.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, and ARTS 123

Previously Listed As: ART 330

Last Updated: 2/18/2011

ARTS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART177

ARTS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART178

ARTS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may take this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART179

ARTS 201 - Painting I

An introductory course stressing the basics of oil and/or acrylic painting, with major emphasis on an observational approach to subject matter. Students are provided opportunities to experiment with a variety of techniques and materials, and they are introduced to conceptual and formal aspects of painting as they pertain to their work and the works of various artists throughout history.

Credit Hours: 3 hrs

Prerequisite: ARTS 121 and ARTS 126

Previously Listed As: ART 313

Last Updated: 5/2/2011 - Prerequisites

ARTS 205 - Beginning Life Drawing

Study of the human figure through the use of predominantly nude models. The dynamic and complex structure of the human figure is explored in a variety of materials and exercises designed to nurture a fluent understanding of the active and passive nature of the human body.

Credit Hours: 3 hrs

Prerequisite: ARTS 126, and department permission

Previously Listed As: ART 210

Last Updated: 2/18/2011

ARTS 210 - Screen Printing I

An introductory course that covers paper screen printing processes. Processes to be covered are reductions, transparencies, photographic processes, and methods of monoprinting. Students are expected to develop concepts and pursue a greater understanding of contemporary art.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, ARTS 123, and department permission

Previously Listed As: ART 305

Last Updated: 2/18/2011

ARTS 215 - Watercolor I

Introduction to watercolor techniques and processes with an emphasis on formal elements such as composition, color and value. Projects for the course are designed to encourage the exploration of a variety of subject matter and content. Individual and group critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 126

Previously Listed As: ART 314

Last Updated: 5/2/2011 - Prerequisites

ARTS 216 - Watermedia-Mixedmedia

The focus of this course is on connecting content with process. Students develop ideas for work and use water-based pigments with other materials to create mixed-media pieces. The class will focus on contemporary artists and ideas. Group and individual critiques are incorporated in all assignments for this course.

Credit Hours: 3 hrs

Prerequisite: ARTS 121 and ARTS 123

Previously Listed As: ART 250

Last Updated: 5/2/2011 - Prerequisites

ARTS 221 - Beginning Photography

An introduction to photography as an art form. Basic camera and darkroom techniques are covered, with an emphasis on using these tools to a creative end.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 123, and department permission

Notes: Students must furnish their own manual cameras, as well as additional supplies.

Previously Listed As: ART 304

Last Updated: 2/18/2011

ARTS 225 - Beginning Ceramics

Beginning ceramics emphasizes hand-building techniques using earthenware and stoneware clays. The focus includes sculptural and utilitarian form; portrait busts, storage jars, platters, and cups are some of the assignments. Students learn to build forms using slabs, molds, modeling, and extruding techniques; alter surfaces, apply slips and glazes; and fire in electric and gas kilns.

Credit Hours: 3 hrs

Prerequisite: ARTS 122 and department permission

Previously Listed As: ART 307

Last Updated: 2/18/2011

ARTS 230 - Metalsmithing I

The course uses the media of metal and related materials to communicate ideas. Students work on pieces of adornment (jewelry), small sculpture and/or utilitarian items. This course applies the vocabulary of art to the understanding of metalsmithing in critiques and professional work. Students will learn to work with a myriad of tools, test their time management skills, focus on details and learn to work through a strict technical process for success in this media.

Credit Hours: 3 hrs

Prerequisite: ARTS 122 and department permission

Previously Listed As: ART 320

Last Updated: 2/18/2011

ARTS 235 - Beginning Sculpture

Beginning Sculpture further emphasizes the formal and technical processes and unique qualities of three dimensions. We look closely at sculpture's connection to the human scale and architectural relationships. We cover the very basic use of materials and their plastic qualities.

Credit Hours: 3 hrs

Prerequisite: ARTS 122 and department permission

Previously Listed As: ART 310

Last Updated: 2/18/2011

ARTS 240 - Introduction to Fibers

An introduction to fibers focusing on a broad range of fiber processes and techniques including surface design, weaving and three-dimensional fibers. This course will introduce a contemporary approach to the fibers field, which will emphasize fundamental fiber processes and the creative development of ideas.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, and department permission

Previously Listed As: ART 235

Last Updated: 2/18/2011

ARTS 245 - Introduction to Furniture Design

This course introduces students to the tools and materials of furniture making, focusing on the physical characteristics of wood and ways to shape, cut, and join it. The course will also introduce design methodology, furniture design history, and drawing techniques.

Credit Hours: 3 hrs

Prerequisite: ARTS 122 and department permission

Previously Listed As: ART 280

Last Updated: 2/18/2011

ARTS 250 - Introduction to Graphic Design I

Projects examine two-dimensional typographic space; language sequence and information hierarchy; type families and their structure; typographic aesthetic; typographic history. Introduces appropriate tools.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 123, one Art History (ARTH) course, and department permission

Previously Listed As: ART 201

Last Updated: Prerequisite Change 02/2012, effective Fall 2012

ARTS 255 - Introduction to Time-based Media

This course introduces students to basic concepts and methods commonly used in the production of time-based media as it is employed in an art context. The course provides a technical foundation for subsequent time-based media courses by introducing students to a variety of techniques used for the creation of screen-based works of art such as non-linear video editing, sound, and video compositing. The course also introduces students to historic and contemporary practitioners.

Credit Hours: 3

Prerequisite: ARTS 127

Last Updated: 7/7/2011

ARTS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART277

ARTS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART278

ARTS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART279

ARTS 290 - Studio Concepts

Studio Concepts is a foundation course that emphasizes ideas and conceptual thinking as the nexus of contemporary studio practice. The course is not discipline or media specific. Contemporary themes and "large ideas" will be presented to students, who will create artworks in response to those themes using a wide variety of media and strategies. Written work, both in preparation for and in response to the completed studio projects, will assist students in building a vocabulary for communicating about visual and material language and art-related concepts. As the final studio experience within the foundation group of courses, Studio Concepts is designed to prepare students for the more rigorous conceptual thinking and self-directed work required by upper-level studio classes.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, and ARTS 123

Concurrent Prerequisite: ARTS 126, ARTS 127, ARTH 165

Last Updated: 2/18/2011

ARTS 300 - Color Theory

This is an introductory course in which students learn the basics of subtractive color. A series of lectures and related studio problems are utilized to develop an understanding of color systems, the characteristics of color, and how to control the visual aspects of color through both mixture and juxtaposition. As students gain a greater understanding of the subject matter, more individualized assignments may be introduced.

Credit Hours: 3 hrs

Prerequisite: ARTS 126 and department permission

Last Updated: 2/18/2011

ARTS 301 - Intermediate Painting: Surface, Process & Concept

This intermediate painting course will stress conceptual motivations for making paintings and focus upon the material and procedural means by which paintings are constructed. Emphasis will be placed on non-observational approaches to painting. Students will have the opportunity to experiment with a variety of techniques, materials and supports beyond those used in Beginning Painting. They will also be introduced to a range of modern and contemporary painters/artists for whom process, materials and conceptual strategies are primary concerns. This course is a studio-based workshop supplemented with lectures, discussions, readings and demonstrations. Written assignments may also be required.

Credit Hours: 3 hrs

Prerequisite: ARTS 201, ARTS 290 and completion of foundations portfolio review

Last Updated: 5/2/2011 - Prerequisites

ARTS 302 - Figurative Painting

This course investigates the human form through painting, primarily using nude models for subject matter. Students will investigate a variety of formal and technical approaches to painting the figure. Students will also be introduced to contemporary and historic artists and issues specifically related to figurative works.

Credit Hours: 3 hrs

Prerequisite: ARTS 201, ARTS 290 and completion of foundations portfolio review

Previously Listed As: ART 480

Last Updated: 5/2/2011 - Prerequisites

ARTS 305 - Intermediate Life Drawing

Further study of the human figure as a subject in various media with an emphasis on the expressive use of the figurative motif.

Credit Hours: 3 hrs

Prerequisite: ARTS 205

Previously Listed As: ART 316

Last Updated: 5/2/2011 - Prerequisites

ARTS 306 - Intermediate Drawing

Further studies in drawing with an emphasis on history, theory, and practice. Drawing techniques from previous courses will be integrated in expanded studies which focus on various concepts such as: the visual environment, narrative, and sequential art in order to establish a broad based understanding of the relationship between form and content.

Credit Hours: 3 hrs

Prerequisite: ARTS 126

Last Updated: 5/2/2011 - Prerequisites

ARTS 307 - Drawing: Contemporary Methods and Materials

Intensive study and investigation of the relationship between space, form, and content. Emphasis is placed on media and methods as a means of exploring non-traditional approaches to drawing and as a tool for problem solving ideas through drawing as a process. Students will be exposed to contemporary issues and ideas through the use of research assignments, reading, and large scale projects to expand their understanding of an artists process of conceptualization.

Credit Hours: 3 hrs

Prerequisite: ARTS 205, ARTS 290 and successful completion of Foundations Portfolio Review

Last Updated: 7/7/2011

ARTS 310 - Screen Printing II

A supplementary course on paper screen printing processes. Processes to be covered are photographic processes, CMYK, and monoprinting. Students are expected to develop concepts, work independently and pursue a greater understanding of contemporary art.

Credit Hours: 3 hrs

Prerequisite: ARTS 210, instructor approval, and department permission

Previously Listed As: ART 405

Last Updated: 2/23/2011

ARTS 311 - Etching and Intaglio

An introductory course that covers intaglio printmaking processes. Processes to be covered are drypoint, aquatint, monotyping, and etching. Students are expected to develop concepts and pursue a greater understanding of contemporary art.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, ARTS 123, and department permission

Previously Listed As: ARTS 311 - Relief and Intaglio, ART 306

Course Revisions: This course will have a title change from "Relief and Intaglio" to "Etching and Intaglio," effective Winter 2013. The revisions also includes a course description change.

Last Updated: Title and Description Change 10/2012, effective Winter 2013

ARTS 312 - Lithographic Printing

An introductory printmaking course dealing with image, design, and concepts as they relate to Lithography. Processes to be covered are stone lithography, reduction printing methods, color printing, and methods of monoprinting. Students are expected to develop concepts, and pursue a greater understanding of the contemporary art.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, ARTS 123, and department permission

Last Updated: 2/23/2011

ARTS 313 - Relief Printmaking (NEW COURSE)

An introductory course that covers relief printmaking processes. Processes to be covered are linoleum relief prints, color reduction, woodcut and multiple block printing. Students are expected to develop concepts and pursue a greater understanding of contemporary art.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, ARTS 123 and foundations review

Class Restrictions: Sophomore standing and above

Major Restrictions: BFA in Studio Art, BS in Studio Art, and BA in Visual Arts Education students only

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

ARTS 315 - Watercolor II

Further exploration of concepts and techniques introduced in Watercolor I. Projects and assignments are designed to help students refine and expand watercolor technique and processes as well as foster individual research and the development of personal direction. Individual and group critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 215, ARTS 290 and completion of foundations portfolio review

Previously Listed As: ART 414

Last Updated: 5/2/2011 - Prerequisites

ARTS 316 - Watercolor III

This course builds on concepts and techniques from Watercolor I and II. Focus is on pursuing an individual direction and establishing practices and processes for developing related series of paintings. Individual and group critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 315

Previously Listed As: ART 423

Last Updated: 5/2/2011 - Prerequisites

ARTS 321 - Intermediate Photography I

An investigation of intermediate and advanced black and white techniques. Student continue to explore a conceptual approach to the medium while beginning to develop their own personal vision. The work of other photographers is considered to give students a better understanding of the photographic language.

Credit Hours: 3 hrs

Prerequisite: ARTS 221, ARTS 290, passed foundation review, and department permission

Previously Listed As: ART 325

Last Updated: 2/23/2011

ARTS 322 - Intermediate Photography II

A continued investigation of techniques used in fine art photography with a particular focus on computer imaging. Students continue working to develop a personal style in preparation for the portfolio classes.

Credit Hours: 3 hrs

Prerequisite: ARTS 221, ARTS 290, passed foundation review, and department permission

Previously Listed As: ART 326

Last Updated: 2/23/2011

ARTS 323 - Intermediate Photography III

This is a second/third/fourth semester course in photography. It is designed to give students a better understanding of the technical aspects of photography while challenging them to refine their own artistic vision and critical abilities. Instruction will include technical lectures and demonstrations, open lab sessions for addressing problems on an individual level, critiques of class work, slide and reading discussions.

Credit Hours: 3 hrs

Prerequisite: ARTS 221, ARTS 290, passed foundation review, and department permission

Concurrent Prerequisite: ARTS 322

Last Updated: 2/24/2011

ARTS 325 - Intermediate Ceramics I

Further experiences in handbuilding with clay, in addition to beginning throwing on the wheel. A continuation of both sculptural and utilitarian ceramic assignments with an emphasis on craftsmanship; more work done at stoneware temperatures.

Credit Hours: 3 hrs

Prerequisite: ARTS 225, ARTS 290, passed foundation review, and department permission

Previously Listed As: ART 308

Last Updated: 2/24/2011

ARTS 326 - Intermediate Ceramics II

Continuing exploration of the clay medium with more emphasis on larger scale and increasingly complex sculptural and utilitarian forms. Alternative firing techniques are available -- salt, wood, and soda firings. Throwing is included. Introduction to glaze and clay testing methods.

Credit Hours: 3 hrs

Prerequisite: ARTS 325 and department permission

Previously Listed As: ART 407

Last Updated: 2/24/2011

ARTS 330 - Metalsmithing II

The course introduces complex fitting and soldering, cold forging, and small-tool making for chasing and repousse. Box construction is emphasized. The students improve their skills learned in Metalsmithing I and will begin to design with a personal style and meaning in their work.

Credit Hours: 3 hrs

Prerequisite: ARTS 230, ARTS 290, passed foundation review, and department permission

Previously Listed As: ART 321

Last Updated: 2/24/2011

ARTS 331 - Metalsmithing III

This course will focus on skills such as the use of the correct hammers for forming, raising, planishing, forging and texturing. Students learn to control a form in metal by making a template and raising according to the template. The students will also learn to increase the speed at designing and will experiment with a new technique to complete a three piece set of objects. The course will continue to develop style and meaning in student work while building a portfolio of exhibition work. Additional skills to be developed will be patina application, stick soldering, alternative finishes and hinges and photographing work.

Credit Hours: 3 hrs

Prerequisite: ARTS 330 and department permission

Previously Listed As: ART 442

Last Updated: 2/24/2011

ARTS 335 - Intermediate Sculpture

This course expands mainly on the vast number of materials, techniques and processes necessary to execute finished sculptures. Major aspects of wood and metal fabrication and mold-making are covered in depth. All of the assignments also deal with the conceptual aspects of sculpture.

Credit Hours: 3 hrs

Prerequisite: ARTS 235, ARTS 290 and completion of foundations portfolio review

Previously Listed As: ART 311

Last Updated: 5/3/2011 - Prerequisites

ARTS 340 - Weaving

An intermediate fibers class focusing on concepts using woven structures to explore historical and contemporary weaving. Fabrics will be investigated and created on the floor loom, which will be used as a tool for personal expression.

Credit Hours: 3 hrs

Prerequisite: ARTS 240, ARTS 290, passed foundation review, and department permission

Previously Listed As: ART 355

Last Updated: 2/24/2011

ARTS 341 - Intermediate Surface Design: Screen Printing

Intermediate fibers class focused on developing concepts through technical and creative solutions utilizing a broad range of materials and techniques. The techniques will range from low-tech to complex applications incorporating transparent and opaque textile pigments, thickened dye and discharge pastes.

Credit Hours: 3 hrs

Prerequisite: ARTS 240, ARTS 290, passed foundation review, and department permission

Previously Listed As: ART 356

Last Updated: 2/24/2011

ARTS 345 - Intermediate Furniture Design

Intermediate Furniture Design will focus on advanced woodworking processes along with their structural and aesthetic implications. These processes will include turning, laminate bending, vacuum bending, veneering, and relevant joinery methods. Students will design and build multiple furniture projects using these techniques.

Credit Hours: 3 hrs

Prerequisite: ARTS 245, ARTS 290, passed foundation review, and department permission

Last Updated: 2/24/2011

ARTS 350 - Introduction to Graphic Design II

Projects examine type methodology; complex typographic systems; rhetorical devices; word-image structures; typographic history and theory. Introduces appropriate tools.

Credit Hours: 3 hrs

Prerequisite: Grade of "C" or better in ARTS 250, ARTS 290 and completion of foundations portfolio review

Previously Listed As: ART 205

Last Updated: 5/3/2011 - Prerequisites

ARTS 351 - Image Making I

Image making as it applies to the materials and processes of communicating specific visual concepts. Introduces a wide variety of materials and imaging methods.

Credit Hours: 3 hrs

Prerequisite: Grade of "C" or better in ARTS 250, and department permission

Previously Listed As: ART 301

Last Updated: 2/24/2011

ARTS 352 - Intermediate Graphic Design I

Deals intensively with conceptual and technical issues; explores topics relevant to audience demographic; presents theories, philosophies, aesthetics and techniques related to mass-audience communication. Introduces appropriate methodologies.

Credit Hours: 3 hrs

Prerequisite: ARTS 350, ARTS 351, and department permission

Previously Listed As: ART 302

Last Updated: 2/24/2011

ARTS 353 - Intermediate Graphic Design II

Course analyzes symbol codes as learned and interpreted messages. Projects explore audience; context; sequence; and theories, philosophies, aesthetics, techniques and cultural references in symbol language message building. Introduces appropriate methodologies.

Credit Hours: 3 hrs

Prerequisite: Grade of 'C' or better in ARTS 352, ARTS 290, passed portfolio review, and department permission

Previously Listed As: ART 303

Last Updated: 2/24/2011

ARTS 355 - Introduction to Web and Interactive Media

This course introduces students to the fundamentals of web-based and interactive works of art. The course introduces students to appropriate scripting languages used to create web-based and interactive work. Conceptual and methodological approaches to web and interactive media are discussed. No previous programming experience is necessary.

Credit Hours: 3

Prerequisite: ARTS 127

Last Updated: 7/7/2011

ARTS 356 - Installation and Performance

This course examines methods and materials for the creation and documentation of site-specific and performative works of art. Students create work that explores the integration of video, interactivity, and performance within a physical environment. Concepts of corporeality, duration/endurance, material methodologies and space are discussed as they pertain to visual art.

Credit Hours: 3

Prerequisite: ARTS 255, ARTS 355, or instructor approval.

Last Updated: 7/7/2011

ARTS 357 - Intermediate Time-based Media

This course introduces students to advanced concepts and methods used in the production of time-based media as it is employed in an art context. Narrative, non-narrative, and performance structures are further explored. Additional methods of production, such as experimental animation, are introduced. The exhibition of scree-based work, both within the gallery and alternative venues, is further investigated.

Credit Hours: 3

Prerequisite: ARTS 255

Last Updated: 7/7/2011

ARTS 358 - Intermediate Web and Interactive Media

This course further explores web-based and interactive works of art. Conceptual and methodological approaches to web and interactive media are further discussed. The course explores web memes and their role in visual art. Interactive environments and

physical computing are introduced. The exhibition of interactive and net-based work, both within the gallery and alternative venues, is further investigated.

Credit Hours: 3

Prerequisite: ARTS 355

Last Updated: 7/7/2011

ARTS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART377

ARTS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART378

ARTS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART379

ARTS 387 - Cooperative Education in Art

Employment in a graphic design firm, studio, or agency with an opportunity for practical design experience. Placement approval required by graphic design area.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART387

ARTS 390W - Studio Concepts (Gen Ed Area I, W)

Studio Concepts addresses conceptual/methodological approaches/practices for the making of art. The course is designed to expose students to conceptualization, visual production and meaning within the art world. It will examine contemporary artist's works and writings as well as larger critical theories.

Credit Hours: 3 hrs

Prerequisite: ARTS 121, ARTS 122, ARTS 123, ARTH 165 and departmental permission

Concurrent Prerequisite: ARTS 126, ARTS 127, ARTH 165

Previously Listed As: ARTS 390

Area I: Effective Communication

ARTS 390W Studio Concepts

The Writing Intensive components in the Studio Concepts course are designed to give students experience writing within the field of visual art. Specific assignments include written artist statements, short narratives for the purpose of planning and describing upcoming projects, and written critiques and evaluations of peer work. For these writing assignments, students will be required to effectively bring together and utilize concepts and vocabulary introduced in prerequisite and co-requisite courses. Studio Concepts will provide students with practical writing skills in critical activities such as how to create an effective artist's statement, an ability studio artists need as they prepare for exhibitions and other professional events. The capacity to use writing to plan specific projects is also a critical skill; professional artists frequently apply for exhibitions, projects, and grants for which clearly written documents are essential to success. Finally, being able to write thoughtful and effective critiques of visual work is key to an artist's ability to analyze his or her own work and is important if an individual is to grow and develop effectively as an artist.

Last Updated: Gen Ed Approval 12/2011, effective Winter 2012; New Course 04/2011, effective Spring 2011

ARTS 401 - Advanced Painting I

Emphasizes the individual student's development of a personal direction in his/her work, which is supported by a sound conceptual foundation and is executed through appropriate technical means. There is a greater expectation of intellectual growth and focused skill development at this level.

Credit Hours: 3 hrs

Prerequisite: ARTS 301 and ARTS 302

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 413

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 403 - Advanced Painting II

The culmination of the five-course painting sequence. By the end of this course, students are expected to present a cogent body of work that is conceptually and technically sound and at a level that demonstrates they are reasonably situated to proceed to master's level work, or to enter society as a working artist. A greater emphasis on research and writing may be included in the curriculum at this level.

Credit Hours: 3 hrs

Prerequisite: ARTS 401 and ARTS 300

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 481

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 405 - Advanced Life Drawing

Investigation of contemporary approaches to the human figure as a subject. Emphasis is placed on interpretive skills and the development of a personal direction, which is supported by sound technical and conceptual foundation. Group discussions and critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 290, ARTS 305 and completion of foundations portfolio review

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 419

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 406 - Advanced Drawing

Intensive studio work in selected perceptual or conceptual problems. Emphasis is on independent research and the development of a personal direction, which is supported by a sound technical and conceptual foundation. Group discussions and critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 205 and ARTS 306

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 432

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 407 - Advanced Life Drawing II

Intensive studio work involving the human figure as subject in selected projects and drawing media. Emphasis is on independent research and the development of a cogent body of work that is technically and conceptually sound. Group discussions and critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 300, ARTS 307 and ARTS 405

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 439

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 408 - Advanced Drawing II

Further intensive studio work in selected perceptual or conceptual problems. Emphasis is on independent research and the development of a cogent body of work that is technically and conceptually sound. Group discussions and critiques are frequent. Students will explore personal and aesthetic issues through independently driven assignments, class critiques, and visual and written materials, in the pursuit of creating an individual portfolio representative of a body of work.

Credit Hours: 3 hrs

Prerequisite: ARTS 300, ARTS 307 and ARTS 406

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 410 - Intermediate Printmaking

Intermediate level course that focuses on combining previous processes and taking a non-traditional approach. The course places an emphasis on working independently and conceptual development. This course will also include more in-depth critiques, research and presentations.

Credit Hours: 3 hrs

Prerequisite: ARTS 290; Three of the following courses: ARTS 210, ARTS 310, ARTS 311, or ARTS 312; and have passed foundation review

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 406

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 411 - Advanced Printmaking

An advanced printmaking course that pushes the understanding of earlier processes. Students develop thematic work and are expected to push the dialogue to a more advanced level. Students are also expected to work independently on projects agreed upon by the instructor.

Credit Hours: 3 hrs

Prerequisite: ARTS 410 and department permission

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 416 - Watercolor IV

Continuing development of an individual direction through research, planning, and process. Students focus on depth of content and self-evaluation. Preparation for the Senior Exhibition is emphasized. Individual and group critiques are frequent.

Credit Hours: 3 hrs

Prerequisite: ARTS 300, ARTS 306 and ARTS 316

Concurrent Prerequisite: ARTS 216

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 424

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 421 - Photography Portfolio I

Development of a unified body of work representing the undergraduate photographic experience.

Credit Hours: 3 hrs

Prerequisite: ARTS 321, ARTS 322, ARTS 323, and department permission

Previously Listed As: ART 449

Last Updated: 2/24/2011

ARTS 422 - Photography Portfolio II

This is a sixth semester course in photography. As a continuation of Portfolio Photography I, it is designed to give students the tools necessary to continue the pursuit of fine art photography on their own. Instruction will be based primarily around in-class critiques and discussion of student work, but will also include reading and slide discussions as well as technical demos and "workshops".

Credit Hours: 3 hrs

Prerequisite: ARTS 421 and department permission

Corequisites: ARTS 490W

Last Updated: 2/24/2011

ARTS 425 - Advanced Ceramics I

Emphasis is placed on the development of personal style. The student will concentrate on sculptural or utilitarian work, handbuilt or thrown. Further training in glaze and clay development. Emphasis is on individual style, production techniques, studio management and exhibition programs.

Credit Hours: 3 hrs

Prerequisite: ARTS 326 and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 408

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 426 - Advanced Ceramics II

Further emphasis is placed on the development of personal style with choices made: will the student concentrate on sculptural or utilitarian work, handbuilt or thrown? Further training in glaze and clay development. The summation of the undergraduate ceramics program; emphasis on individual style, production techniques, studio management and exhibition programs.

Credit Hours: 3 hrs

Prerequisite: ARTS 421

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 430 - Metalsmith IV

The students will be responsible for developing a proposal for three exhibition pieces. This proposal will contain a theme, a list of experimental techniques to be tested and a procedural plan. At this point students are able to multitask in the studio. This way they can work on several pieces at once. All work will be photographed in a professional manner.

Credit Hours: 3 hrs

Prerequisite: ARTS 331

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 443

Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 431 - Metalsmithing V

This course is designed to allow students design complex metals pieces and encourage individual exploration of advanced techniques. Techniques include but are not limited to: blacksmithing, enameling, stone setting, die making, lathe work, electroforming, casting, patina exploration, hydraulic press work, photo etching, mold-making and commercial exploration or limited production work. Students will select a particular technique, research and experiment the technique, and complete three exhibition quality works.

Credit Hours: 3 hrs

Prerequisite: ARTS 430 and department permission

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 435 - Advanced Sculpture I

The students in advanced sculpture are allowed to pursue a concept or technique from ARTS 335 as the beginning of their self-directed studio experience. Many types of mold making are explored. Leads to bronze and other metal casting processes. Extensive experimentation in chose technique(s) is expected.

Credit Hours: 3 hrs

Prerequisite: ARTS 335 and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 410

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 436 - Advanced Sculpture II

The students in advanced sculpture are directed to continue working on a concept or technique from their sculpture experiences and begin to explore and create a body of work. Students are encouraged and challenged to create a strong studio work ethic and an ability to begin to make self-directed choices.

Credit Hours: 3 hrs

Prerequisite: ARTS 435 and department permission

Previously Listed As: ART 411

Last Updated: 2/24/2011

ARTS 437 - Advanced Sculpture III

The students in advanced sculpture are directed to continue working on a concept or technique from their sculpture experiences and begin to explore and create a body of work. The students are required to write an artist statement, photograph their work, and build a digital portfolio.

Credit Hours: 3 hrs

Prerequisite: ARTS 436 and department permission

Corequisites: ARTS 490W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 412

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 440 - Three-Dimensional Fibers

This course will focus on the investigation of traditional and nontraditional three-dimensional fiber processes using a broad range of materials and processes. Sculptural approaches to fiber structures will be enhanced through an investigation of material and concept exploration.

Credit Hours: 3 hrs

Prerequisite: ARTS 240 and department permission

Concurrent Prerequisite: ARTS 340

Previously Listed As: ART 458

Last Updated: 2/24/2011

ARTS 441 - Digital Printing for Fibers

Advanced fibers class focusing on digital printing onto a variety of fabrics using digital photography and computer programs as a tool for further manipulation. The investigation of concepts and use of pattern, imagery and meaning onto fabrics will further transform and manipulate the fabric surface.

Credit Hours: 3 hrs

Prerequisite: ARTS 340, ARTS 341, and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 450

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 442 - Embellished Surfaces

This class introduces many different forms of embellishing that enhance a wide variety of surfaces. Processes will include: applique, reverse applique, beading, hand and machine sewing all on a variety of constructed surfaces. The course challenges students to develop concepts and ideas that expand the traditional boundaries of embellishment.

Credit Hours: 3 hrs

Prerequisite: ARTS 240, ARTS 290, passed foundation review, and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 443 - Advanced Fibers

The primary focus is on developing a strong body of work created by using fiber or fiber related techniques culminating in portfolio development.

Credit Hours: 3 hrs

Prerequisite: ARTS 340; ARTS 341; and one of the following: ARTS 440, ARTS 441, or ARTS 442; and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 455

Last Updated: Graduate Credit 07/2011; 2/24/2011

ARTS 445 - Advanced Furniture Design I

Advanced Furniture Design I will focus on non-wood fabrication processes, along with their structural and aesthetic implications. Materials used will include aluminum, steel, fiberglass, and plastics. Students will learn welding, casting, and fiberglass lay-up processes, and will design and build multiple furniture projects using these techniques.

Credit Hours: 3 hrs

Prerequisite: ARTS 345 and department permission

Last Updated: 2/24/2011

ARTS 446 - Advanced Furniture Design II

Advanced Furniture Design II will focus on chair design, ergonomics, and upholstery methods along with their structural and aesthetic implications. Students will design and build multiple chair projects combining previous methods/materials with these concepts.

Credit Hours: 3 hrs

Prerequisite: ARTS 445 and department permission

Last Updated: 2/24/2011

ARTS 447 - Furniture Design Portfolio

Furniture Design Portfolio will focus on the design and execution of each student's degree project and the preparation of a professional portfolio. Students will conduct research and/or data collection relative to the nature of each project. Projects will demonstrate a personal style of mode of expression.

Credit Hours: 3 hrs
Prerequisite: ARTS 446 and department permission
Corequisites: ARTS 490W
Last Updated: 2/24/2011

ARTS 451 - Image Making II

Image making as applied to advanced communication concepts. Students are exposed to theories, philosophies, aesthetics, techniques and experiences used in visual message building.

Credit Hours: 3 hrs
Prerequisite: Grade of "C" or better in ARTS 352 and completion of foundations portfolio review
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ART 462
Last Updated: Graduate Credit 07/2011; Prerequisites 05/2011

ARTS 452 - Advanced Graphic Design

Advanced work in visual communications; students are exposed to theories, philosophies, aesthetics, techniques and experiences used in complex visual communication environments.

Credit Hours: 3 hrs
Prerequisite: Grade of "C" or better in ARTS 353, ARTS 451 and ARTH 264W
Corequisites: ARTS 490W
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ART 460
Last Updated: Graduate Credit 07/2011; 05/2011

ARTS 454 - Graphic Design Practicum

This course gives students direct experience in the field of graphic design by working on client-based projects. Projects vary each term and include both on and off campus clients.

Credit Hours: 3 hrs
Prerequisite: ARTS 352, department permission, and instructor approval
Previously Listed As: ART 348
Last Updated: 2/24/2011

ARTS 455 - Advanced Time-based Media I

Intensive studio that students begin to explore personal and aesthetic issues through independently driven assignments, class critiques, and visual and written materials, in the pursuit of creating a body of work or larger work. Students must demonstrate a conceptual, technical, and methodological understanding of time-based media. Work produced can explore any genre of time-based media including but not limited to: web media, digital video, experimental animation, interactive installation, and performance art.

Credit Hours: 3
Prerequisite: ARTS 357, ARTS 358
Last Updated: 7/7/2011

ARTS 456 - Advanced Time-based Media II

Intensive studio furthering the exploration of personal and aesthetic issues that students begin in ARTS 455 Advanced Time-based Media I. Students must demonstrate a conceptual, technical, and methodological understanding of time-based media. Work produced can explore any genre of time-based media including but not limited to: web media, digital video, experimental animation, interactive installation, and performance art. Course to be taken concurrently with ARTS 490 Capstone.

Credit Hours: 3

Prerequisite: ARTS 455

Last Updated: 7/7/2011

ARTS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART477

ARTS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART478

ARTS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: ART479

ARTS 487 - Cooperative Education in Art

Employment in a graphic design firm, studio or agency with an opportunity for practical design experience. Placement approval required by graphic design area.

Credit Hours: 3 hrs

Prerequisite: ARTS 387; approval by graphic design area; department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ART 487

Last Updated: Graduate Credit 07/2011; 02/2011

ARTS 490W - Capstone (Gen Ed Area I, W)

This course is taken in conjunction with the last course in each student's area of concentration. It is designed as the culminating learning experience for students in the BFA curriculum and will help provide direction for their future professional careers. The course will focus on preparation for a required senior exhibition, the development of a professional portfolio, and the creation of necessary written documents to support one's professional career.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: Students must be enrolled in the last course of their area of concentration: ARTS 403, ARTS 407, ARTS 408, ARTS 411, ARTS 416, ARTS 422, ARTS 426, ARTS 431, ARTS 437, ARTS 443, ARTS 447, ARTS 452, or ARTS 456

Class Restrictions: Senior standing only

Previously Listed As: ARTS 490

Last Updated: 2/24/2011

ARTS 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not have regular course work.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: ART497

ARTS 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not have regular course work.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART498

ARTS 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not have regular course work.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: ART499

Graphic Design Concentration

Required Courses: 18 hours

All courses must be passed with a grade of "C" or above.

- ARTS 250 - Introduction to Graphic Design I Credit Hours: 3 hrs
- ARTS 350 - Introduction to Graphic Design II Credit Hours: 3 hrs
- ARTS 351 - Image Making I Credit Hours: 3 hrs
- - **Portfolio Review:** The mid-program performance review provides students with an opportunity to receive feedback in one forum from the graphic design faculty, while allowing the faculty to reinforce its standards of excellence and present its performance expectations. Students are reviewed on the work presented in their portfolio as well as performance, participation, process, and effort in class. The review is intended to identify students who have the potential to successfully complete the program.
 - **Portfolio Contents and Recommendations:**
 1. Select 5-8 pieces from design courses (required or elective) that best represent your abilities.
 2. Provide a list of contents for the portfolio containing: the title of the work, a short description of the work (2-3 sentences describing the goals of your design), and the course the work was produced for. If done as a group project be sure to include all group members.
 3. The portfolio should be designed, well crafted, and well executed object. Your portfolio should be functional in terms of ease of carrying and ease of displaying/reviewing work. Keep it simple.
 4. Original 2-dimensional work (posters, brochures, etc.) can be submitted, but should be organized and presented in a professional manner. Work should be appropriately folded to fit the portfolio in relation to size.
 5. If submitting digital work (video/HTML) be sure to include appropriate files on CD or DVD.
 6. Do not submit 3-dimensional work, photograph and document work and present in a clear and professional manner.
 7. Clearly label the outside of your portfolio with your name.
 8. If using a store bought portfolio case be sure to carefully design how your work is presented in the case. Do not just stick work in plastic sleeves.
 9. Do not over-design your portfolio, keep it simple, we are mostly reviewing the work it contains.
- ARTS 353 - Intermediate Graphic Design II Credit Hours: 3 hrs
- ARTS 452 - Advanced Graphic Design Credit Hours: 3 hrs
- ARTS 451 - Image Making II Credit Hours: 3 hrs

Art Elective Courses: 3 hours

This concentration requires its students to take ART458 as part of their Art Elective credits.

- ARTS 379 - Special Topics Credit Hours: 3 hrs

Biology Programs and Courses

Biology

Major

Biology Major

Majors should start with BIO 110 followed by BIO 120 in their freshman year. Chemistry courses should also be started in the freshman year in order to fulfill the requirements for the 300- and 400- level biology courses. The core biology lectures and laboratories should be completed no later than the end of the junior year. Since BIO 301 is a pre- or corequisite for both BIO 305 and BIO 315, it should be completed as soon as possible to avoid any delay in graduation. The 15 semester hours of electives allow a student to specialize or to take a variety of biology courses. Although some electives can be taken as early as the sophomore year, most will be taken in the junior and senior years. Students are strongly advised to elect the remaining core course as one of the electives.

Biology Department Information:

Interim Department Head: Daniel Clemans
Department Contact: dclemans@emich.edu
Website: <http://www.emich.edu/biology/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 63-65

Biology: 36 hours

Required Foundation Courses: 13 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 301 - Genetics 3 hrs

Biology Core Courses: 6 hours

Two courses from the following:

- BIO 305 - Cell and Molecular Biology 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 315 - Evolution 3 hrs

Biology Core Labs: 3 hours

One course from the following:

- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (Gen Ed Area I, W) 3 hrs
- BIO 311W - Laboratory in Ecology (Gen Ed Area I, W) 3 hrs

Restricted Electives: 14 hours

Choose an additional 14 semester hours at the 300- and 400-level in biology. At least one course must be at the 400 level. All courses must have a minimum prerequisite of BIO 120. BIOT courses cannot be counted toward the biology major. No more than six hours of BIO 387 - Cooperative Education in Biology and BIO 497-BIO 499 - Undergraduate Research in Biology can be counted toward the major.

Chemistry: 16-17 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr

Select either option I or option II:

Option I:

- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs

Option II:

- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr

One course from the following:

- CHEM 351 - Foundations of Biochemistry 4 hrs
- CHEM 451 - Biochemistry I 3 hrs

Physics: 8 hours

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Math: 3-4 hours

One course from the following:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Options are BIO 306W and BIO 311W.

Students who plan to pursue graduate work in biology or who are in a preprofessional program should select Option I: CHEM 371/372/373 Organic Chemistry I-II with lab.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and

the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Biology Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in biology, certification code DA and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the National Science Teachers Association. The Michigan Test for Teacher Certification (MTTC) covering this field is #017, "Biology."

Biology Department Information:

Interim Department Head: Daniel Clemans
Department Contact: dclemans@emich.edu
Website: <http://www.emich.edu/biology/>

Adviser Information:

Program Adviser: Jamin Eisenbach
Email: jeisenbac@emich.edu
Phone: 734.487.4242

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 57-59 hours

Required Foundation Courses: 29 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 315 - Evolution 3 hrs
- BIO 326 - Human Physiology 3 hrs
- * BIO 406 - The Nature of Science 1 hr

One course from the following:

- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (Gen Ed Area I, W) 3 hrs
- BIO 311W - Laboratory in Ecology (Gen Ed Area I, W) 3 hrs

Elective Courses: 1 hour

One hour at the 300-level or above in biology selected in consultation with a biology adviser. The courses must have a minimum prerequisite of BIO 120. BIOT courses may not be counted toward a biology major.

Chemistry: 16-17 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr

Select either option I or option II:

Option I:

- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs

Option II:

- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr

One course from the following:

- CHEM 351 - Foundations of Biochemistry 4 hrs
- CHEM 451 - Biochemistry I 3 hrs

Physics: 8 hours

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Math: 3-4 hours

One course from the following:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs

- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Biology Majors take:

- BIOT 403 - Methods for Teaching Secondary Biology 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Options are BIO 306W and BIO 311W.

* PHY 406, CHEM 406 or ESSC 406 may be substituted for BIO 406

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Biology Minor

Minors should start with BIO 110 - Introductory Biology I (Gen Ed Area IV) followed by BIO 120 - Introductory Biology II in their freshman or sophomore year. Minors without high school biology should take BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) before taking BIO 110. (Although BIO 105 will not count toward the biology minor, credit earned in this course will count toward the 124 hours required for graduation.)

Students need to take CHEM 121/CHEM 122 and CHEM 123/CHEM 124 to satisfy the prerequisites for BIO 305.

Biology Department Information:

Interim Department Head: Daniel Clemans

Department Contact: dclemans@emich.edu

Website: <http://www.emich.edu/biology/>

Required Courses: 13 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 301 - Genetics 3 hrs

Restricted Elective Courses: 3 hours

One course from the following:

- BIO 305 - Cell and Molecular Biology 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 315 - Evolution 3 hrs

Elective Courses: 6 hours

Six hours at the 300- or 400-level in biology selected in consultation with a biology adviser. All elective courses must have a minimum prerequisite of BIO 120. BIOT courses may NOT be counted toward a biology minor. Students are strongly advised to select other restricted electives to fulfill this requirement. No more than six hours of BIO 387 - Cooperative Education in Biology and BIO 497-499 - Undergraduate Research in Biology can be counted toward the minor.

Minor Total: 22 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Conservation and Resource Use Minor

This program is administered jointly by the heads of the Department of Biology, the Department of Economics, The Department of Geography and Geology and the Department of Sociology, Anthropology and Criminology.

Students electing this minor must confer with the advising coordinator for conservation and resource use to obtain an approved schedule of electives. Substitutions on the approved program will count only if approved by the adviser.

Students are strongly urged to take PLSC 202 - State and Local Government (Gen Ed Area IV)

Biology Department Information:

Interim Department Head: Daniel Clemans
Department Contact: dclemons@emich.edu
Website: <http://www.emich.edu/biology/>

Required Courses: 13-14 hours

- BIO 107 - Introduction to Environmental Science (Gen Ed Area III) 3 hrs
or
- ESSC 107 - Introduction to Environmental Science (Gen Ed Area III) 3 hrs

- * BIO 226 - Global Ecology and the Environment 4 hrs
- ** ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

One course from the following:

- *** ESSC 108 - Earth Science for Nonscience Majors (Gen Ed Area IV) 3 hrs
- *** ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs

Elective Courses: 9 hours

Nine hours from the following selected in consultation with the advising coordinator:

- BIO 130 - Biology of Plants 4 hrs
- BIO 140 - Biology of Animals 4 hrs
- BIO 215 - Plants and People (Gen Ed Area III) 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 311W - Laboratory in Ecology (Gen Ed Area I, W) 3 hrs
- BIO 410 - Limnology 3 hrs
- BIO 413 - Wetland Ecosystems 3 hrs
- BIO 414 - Terrestrial Ecosystems 3 hrs
- BIO 455 - Plant Evolution and Classification 3 hrs

- BIO 456 - Freshwater Algae 3 hrs
- BIO 457 - Aquatic Plants 3 hrs
- BIO 458 - Trees and Shrubs 3 hrs
- BIO 460 - Plant Anatomy 3 hrs
- BIO 480 - Natural History of Invertebrates 3 hrs
- BIO 481 - Natural History of Vertebrates 3 hrs
- BIO 482 - Ichthyology 3 hrs
- BIO 483 - Mammalogy 3 hrs
- BIO 484 - Herpetology 3 hrs
- BIO 485 - Ornithology 3 hrs
- BIO 486 - Entomology 3 hrs
- CHEM 115 - Chemistry and Society (Gen Ed Area IV) 3 hrs
- CHEM 415 - Environmental Chemistry 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 336 - Economics of Environment and Natural Resources 3 hrs
- ECON 337 - Energy Economics and Policies 3 hrs
- ESSC 114 - Geology of the National Parks (Gen Ed Area IV) 4 hrs
- ESSC 208 - Natural Environmental Hazards 3 hrs
- ESSC 229 - Rocks and Minerals 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 327 - Soil Science 4 hrs
- ESSC 424 - Climatology 3 hrs
- ESSC 495 - Environmental Assessment and Planning 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 361 - Geography of Population 3 hrs
- GEOG 405 - Aerial Photo Interpretation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- URP 495 - Environmental Assessment and Planning 3 hrs
- SOCL 306 - The Urban Community 3 hrs
- SOCL 334 - Population 3 hrs

Minor Total: 22-23 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** Biology majors minoring in conservation will take BIO 310 and BIO 311W on the major and substitute additional approved electives on the minor.*

*** Students who prefer to elect ECON 201-202 to satisfy general education requirements may count ECON 201 as an elective on the minor. Students who are required to take ECON 201-202 for other purposes on their curricula, as in business administration, may not count it on this minor and must substitute an additional elective for ECON 202.*

*** Students required to take ESSC 108 - Earth Science for Nonscience Majors (Gen Ed Area IV) on a major or minor in the Geography and Geology Department will take an additional four hours of electives on this minor from the approved list.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Human Biology Minor

The Human Biology minor is open to all majors including Biology.

Required courses provide students with a background in biology with electives that highlight contemporary issues in human biology.

Biology Department Information:

Interim Department Head: Daniel Clemans

Department Contact: dclemons@emich.edu

Website: <http://www.emich.edu/biology/>

Required Courses: 4-5 hours

One course from the following:

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs

Elective Courses: 15-16 hours

15 to 16 hours of the following:

- BIO 251 - Human Anatomy and Physiology I 4 hrs
- BIO 255 - Human Genetics 3 hrs
- BIO 256 - The Biology of Cancer 2 hrs
- BIO 257 - Human Embryonic Development 3 hrs
- BIO 258 - Germs, Plagues and Human Infections 3 hrs
- BIO 259 - Biology of Aging 2 hrs
- BIO 269 - Biology of Sex and Gender 3 hrs
- BIO 328 - Introductory Microbiology 3 hrs
- BIO 330 - Neuroanatomy 4 hrs

No more than one course from the following:

- * BIO 252 - Human Anatomy and Physiology II 4 hrs
- * BIO 326 - Human Physiology 3 hrs

Minor Total: 20 hours

Note:

Minors should start with either BIO 105 or BIO 110.

** For students choosing to take an additional course in human physiology after completing BIO 251, they may choose either BIO 252 or BIO 326, but not both.*

The Human Biology Minor is open to the biology major, however these students will not be able to apply BIO 110 toward the Human Biology Minor because it must be applied to the biology major. Instead, these students are required to make up 4 credit hours from the above electives or consult with an adviser for details.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Plant Biology Minor

Open to both Biology majors and non-majors. The minor is intended to provide students with opportunities to study plants from a variety of perspectives, ranging from molecular to ecological levels of organization. Students who are not majoring in biology will not have the necessary prerequisites for certain courses, so it is important to meet with a Plant Biology Minor adviser early in their program.

Biology Department Information:

Interim Department Head: Daniel Clemans
Department Contact: dclemans@emich.edu
Website: <http://www.emich.edu/biology/>

Required Course: 4 hours

- * BIO 130 - Biology of Plants 4 hrs

Restricted Electives: 16 hours

16 hours from the following:

- BIO 215 - Plants and People (Gen Ed Area III) 3 hrs
- BIO 226 - Global Ecology and the Environment 4 hrs
- ** BIO 412 - Biogeography 3 hrs
- BIO 455 - Plant Evolution and Classification 3 hrs
- BIO 456 - Freshwater Algae 3 hrs
- BIO 457 - Aquatic Plants 3 hrs
- BIO 458 - Trees and Shrubs 3 hrs
- BIO 459 - Mycology 3 hrs
- BIO 460 - Plant Anatomy 3 hrs
- ** BIO 461 - Plant Physiology 3 hrs

- ** BIO 462 - Plant Biotechnology 3 hrs

Minor Total: 20 hours

Notes:

All minors must have at least six hours of course work at the 300 level or above.

** No credit will be given to students who have completed BIO 120. Biology majors electing the plant biology minor must take an additional four credits of restricted electives in place of BIO 130.*

*** These courses have additional prerequisites other than BIO 130. Consult with adviser for details.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Biology Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in biology, certification code DA. The Michigan Test for Teacher Certification (MTTC) covering this field is #017, "Biology."

Biology Department Information:

Interim Department Head: Daniel Clemans
 Department Contact: dclemans@emich.edu
 Website: <http://www.emich.edu/biology/>

Adviser Information:

Program Adviser: Jamin Eisenbach
 Phone: 734.487.4242
 Email: jeisenbac@emich.edu

Required Courses: 25 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 326 - Human Physiology 3 hrs

One course from the following:

- ** BIO 305 - Cell and Molecular Biology 3 hrs
- BIO 315 - Evolution 3 hrs

One course from the following:

- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (Gen Ed Area I, W) 3 hrs
- BIO 311W - Laboratory in Ecology (Gen Ed Area I, W) 3 hrs

Minor Total for Science Majors: 25 hours

Students minoring in Biology with secondary certification, but not majoring in a science teaching program must take the following courses:

- BIOT 403 - Methods for Teaching Secondary Biology 3 hrs
- * BIO 406 - The Nature of Science 1 hr

Minor Total for Non-Science Majors: 29 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** CHEM 406, ESSC 406, or PHY 406 may be substituted for BIO 406.*

*** Students need to take CHEM 121/122 and CHEM 123/124 to satisfy the prerequisites for BIO 305.*

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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University Information: Consult the online catalog at catalog.emich.edu.

Zoology Minor

Biology Department Information:

Interim Department Head: Daniel Clemans
 Department Contact: dclemons@emich.edu
 Website: <http://www.emich.edu/biology/>

Minor Total: 20 hours

Open only to students majoring in biology. Students electing this minor must file an approved program of required/elective courses with a faculty advisor and with the Department of Biology undergraduate coordinator. Any program changes require prior written approval of the faculty advisor and the Department of Biology undergraduate coordinator.

This minor is not to be considered as a teaching minor for prospective elementary or secondary teachers. Prospective teachers who wish to elect this minor must complete a second minor outside of the Biology Department to satisfy the current requirements for teacher certification.

Note:

All minors must have at least six hours of course work at the 300 level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Biology

BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV)

A study of the basic concepts of modern biology common to all organisms with an emphasis on human systems and issues. Designed for students who are not majoring or minoring in biology.

Credit Hours: 4 hrs

Lecture/Lab Hours: The course consists of two 75-minute lectures and three hours of laboratory each week

Notes: This course is not open to students with credit in BIO 110 and/or BIO 120.

Previously Listed As: BIOL 105

Area IV: Knowledge of the Disciplines

BIO 105 Introduction to Biology for Non-Majors

BIO 105 is designed to enable students who are not biology majors to understand the fundamental concepts, principles and processes upon which all life is based, the relationship between biology and their day-to-day world; how scientists acquire scientific knowledge; and how this methodology is used to address questions important to health and environmental issues around the world. This information provides students with the tools to enable them to become responsible, scientifically literate global citizens and voters. Students who successfully complete BIO 105 have the ability to critically evaluate popular press articles and other media reporting on technological, health-related and environmental issues. This ability empowers students to make better, scientifically-informed life decisions.

Last Updated: Links 02/2011

BIO 106 - Biology from a Human Perspective (Gen Ed Area IV)

This course is an introductory course that emphasizes human biology for the non-major in lecture and a laboratory that includes dissections. We cover the fundamental concepts, principles, and processes upon which life is based and the use of the scientific method through the application of these principles, concepts and processes.

Credit Hours: 4 hrs

Equivalent Courses: BIO 105

Area IV: Knowledge of the Disciplines

BIO 106 Biology From a Human Perspective

BIO 106 is designed to enable students who are not biology majors to understand the following: the fundamental concepts, principles, and processes upon which life is based; the relationship between biology and their day-to-day world; how scientists acquire scientific knowledge; and how this methodology is used to address questions important to health and environmental issues around the world. This information provides students with the tools to enable them to become responsible, scientifically literate global citizens and voters. Students who successfully complete BIO 106 have the ability to critically evaluate popular press articles and other media reporting on technological, health-related and environmental issues. This ability empowers students to make better, scientifically-informed life decisions. As such, BIO 106 meets the requirements of a Natural Science Course in the Knowledge of the Disciplines portion of the new General Education program.

Last Updated: Gen Edu Approval. 6/2012, effective Winter 2013; Change in Equivalency 05/2012, effective Fall 2012; New Course 04/2012

BIO 107 - Introduction to Environmental Science (Gen Ed Area III)

An introduction to the basic biological, physical and chemical processes that control today's environmental conditions. The global ecosystem is presented as a structure that includes human society. The understanding of local and global environmental problems and discussion of potential solutions are emphasized.

Credit Hours: 3 hrs

Cross-Listed with: ESSC 107

Previously Listed As: BIOL 107

Area III: Perspectives on a Diverse World

BIOL/ESSC 107 Introduction to Environmental Science

This course gives students an understanding of important challenges to the integrity of the global ecosystem and begins to explain many of the scientific and social issues that surround them. Globally, human health and economic well-being can only be sustained under amenable environmental conditions, which depend on climate, atmosphere, water, forests, agricultural soils, human population density and biodiversity. Every bit of the surface of Earth is influenced by human activities; the global connectedness of our economic activities means that many of our everyday decisions impact far-flung corners of the planet. The goal of this class is for students to gain a better understanding of the workings of the global ecosystem and how the expanding human population interacts with it and depends on it. Learning the basics of environmental science will allow students to make informed decisions about individual and collective actions that impact the present and future state of the environment, both locally and globally.

Last Updated: 2/28/2011

BIO 110 - Introductory Biology I (Gen Ed Area IV)

The basic concepts of biology upon which students can begin to develop a conceptual framework of the discipline will be developed in this course and reinforced in upper-level courses. Cell structure and function, molecular biology, Mendelian and population genetics, evolutionary theory and ecology will be covered in this first semester of a two-semester sequence. Inquiry-oriented laboratory exercises and inquiry-oriented methods will be emphasized in lecture and discussion sections.

Credit Hours: 5 hrs

Lecture/Lab Hours: Course meets for two 75-minute lectures, one hour of discussion and three hours of laboratory each week

Prerequisite: MATH 098 or above or Math level 2 with concurrent registration in MATH 098

Notes: BIO 110 is required for students taking a major or minor in biology.

Previously Listed As: BIOL 110

Area IV: Knowledge of the Disciplines

BIO 110 Introduction to Biology I

BIO 110 is designed to enable students to understand the fundamental concepts, principles and processes upon which all life is based; the relationship of the course material to their day-to-day world; and how to apply the scientific method. Students are provided with the tools to enable them to become responsible, scientifically literate global citizens and voters. Students who successfully complete BIO 110 have the ability to read critically a biologically relevant popular press article and to evaluate the reporting of technological, health-related and environmental issues. The ability empowers students to make better, scientifically-informed life decisions.

Last Updated: Links 02/2011

BIO 120 - Introductory Biology II

The basic concepts of biology upon which students can begin to develop a conceptual framework of the discipline will be developed in this course and reinforced in upper-level courses. Plant physiology, development and diversity; and animal physiology, development, diversity and behavior, will be covered in this second semester of a two-semester sequence. A continued emphasis on inquiry-oriented laboratory exercises and inquiry-oriented methods will be applied to lecture and discussion sections.

Credit Hours: 5 hrs

Lecture/Lab Hours: Course meets for two 75-minute lectures, one hour of discussion and three hours of laboratory each week

Prerequisite: C or better in BIO 110

Notes: BIO 120 is required for students taking a major or minor in biology.

Previously Listed As: BIOL 120

Last Updated: 2/28/2011

BIO 130 - Biology of Plants

An introduction to the plant kingdom for non-biology majors. The biology of plants is explored from the cellular through whole-organism levels of organization, focusing on the roles of diverse plant groups in our environment.

Credit Hours: 4 hrs

Lecture/Lab Hours: Two 75-minute lectures plus three hours of laboratory experience.

Notes: Does not count toward the biology major or minor.

Previously Listed As: BOTN 130

Last Updated: 2/16/2011

BIO 140 - Biology of Animals

With three hours of lecture and three hours of combined recitation/demonstration and laboratory this course will focus on the biology and impact of the diverse animal groups in their interaction with humans. Diseases caused, new medical contributions, economic costs and benefits and ecological roles of repressive animals will be studied.

Credit Hours: 4 hrs

Notes: Does not count toward the Biology major or minor.

Previously Listed As: ZOOL 140

BIO 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission
Previously Listed As: BIOL 177

BIO 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission
Previously Listed As: BIOL 178

BIO 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission
Previously Listed As: BIOL 179

BIO 205 - Field Biology

A lecture, laboratory and field course in the behavior, ecology and broad classification of plants and animals, giving training in recognition of common plants and animals of Michigan. Gives background material to the nonspecialist interested in outdoor life, and to the elementary school teacher.

Credit Hours: 4 hrs
Previously Listed As: BIOL 205

BIO 215 - Plants and People (Gen Ed Area III)

A study of the characteristics, cultural history, and current uses of plants that yield food, fiber, pharmaceuticals, and industrial products. Emphasis is placed on the roles of plants in the development of civilization. Topics such as genetically engineered food and sustainable agriculture are also discussed.

Credit Hours: 3 hrs
Cross-Listed with: BIOT 504
Previously Listed As: BOTN 215

Area III: Global Perspectives on a Diverse World

BIO 215 Plants and People

We frequently encounter the plant kingdom in our daily lives - in food, shelter, textiles, medicines, drugs, pesticides and perfumes. In this course we will learn about the fascinating interactions between plants and humans. We will investigate how plants are named and classified in various cultures, how plants played an important role in the origins of civilization, and how plants may likely be the solution to serious global issues like hunger, malnutrition, and our current energy crisis. Topics will

include: crop domestication (how did we get the rice and wheat all humans now depend on?); the evolution and conservation of genetic and biological diversity (why is it important to conserve the Amazon forest before it disappears?); biotechnology (is it ethically acceptable to export a crop that we manipulated in the lab that we, Americans, are reluctant to consume?); drugs and alcohol (should Michigan residents be allowed to use Marijuana for medicinal purposes?); natural dyes (how do we make blue jeans blue?); the movement of plants among cultures around the world (coffee and tea are not native to North America and yet we depend on them to start our day) and biofuel alternatives (will we all be driving cars fueled by algae soon?). These topics are selected for both their local and global impacts in order to help students become critical thinkers on important issues that have direct influence on their daily lives. With the successful completion of this course students will see plants, the campus, their world and their decisions in a new light. As such, BIO 215 meets the requirements of a Global Awareness Course in the General Education program.

Last Updated: General Education Approval 02/2012, effective Fall 2012

BIO 226 - Global Ecology and the Environment

This course is an introduction to basic ecological principles and their application to current global environmental issues and conservation practices. The effect of the human population explosion on the conservation and use of resources and biodiversity is emphasized.

Credit Hours: 4 hrs

Prerequisite: BIO 107/ESSC 107, BIO 105, or BIO 110

Previously Listed As: BIOL 226

Last Updated: 2/28/2011

BIO 251 - Human Anatomy and Physiology I

An intensive lecture and laboratory course investigating human anatomy and physiology with emphasis on both normal and pathological conditions, in a two-semester sequence. First semester will cover the basic structure and functions of the integumentary, muscular, skeletal, nervous and endocrine systems.

Credit Hours: 4 hrs

Prerequisite: High school Biology

Previously Listed As: ZOOL 201

BIO 252 - Human Anatomy and Physiology II

An intensive lecture and laboratory course investigating human anatomy and physiology with emphasis on both normal and pathological conditions, in a two-semester sequence. The second semester will cover circulation, metabolism, the cardiovascular, digestive, excretory and reproductive systems, and the integration of the systems of the body.

Credit Hours: 4 hrs

Prerequisite: BIO 251 and either BIO 105 or CHEM 120

Previously Listed As: ZOOL 202

Last Updated: 03/2011

BIO 255 - Human Genetics

A lecture course emphasizing fundamental concepts of human genetics specifically designed to provide the non-biology major a framework to understand and assess recent advances and ethical issues concerning medical genetics, molecular diagnostics and genetic engineering.

Credit Hours: 3 hrs

Prerequisite: BIO 105 or BIO 110

Previously Listed As: BIOL 201

Last Updated: 03/2011

BIO 256 - The Biology of Cancer

Introduces the types, characteristics, putative causes and current treatments of cancer.

Credit Hours: 2 hrs

Prerequisite: BIO 105 or BIO 110

Previously Listed As: BIOL 204

Last Updated: 03/2011

BIO 257 - Human Embryonic Development

A study of the embryonic development of humans from fertilization to birth, with emphasis on the development of the major organ systems and the birth defects that occur when development occurs abnormally.

Credit Hours: 3 hrs

Prerequisite: BIO 105, BIO 110 or BIO 251

Previously Listed As: BIOL 223

Last Updated: 03/2011

BIO 258 - Germs, Plagues and Human Infections

This course provides the nonscientist with a basic understanding of the biology of human infectious diseases. The course uses lecture, discussion and small group activities to examine the biology of microbes and of human defenses, the evolution of infectious disease, the history of epidemics and current issues in infectious diseases.

Credit Hours: 3 hrs

Prerequisite: BIO 105 or BIO 110 or BIO 251

Previously Listed As: BIOL 228

Last Updated: 03/2011

BIO 259 - Biology of Aging

The study of the aging process at the molecular, cellular, tissue and systems level of organization. Theories of aging will be considered.

Credit Hours: 2 hrs

Prerequisite: BIO 105

Previously Listed As: BIOL 239

Last Updated: 03/2011

BIO 269 - Biology of Sex and Gender

Lectures will address the biology of sex and gender from early stages of development throughout life. Anatomy and physiology of gender and behaviors in humans and other animals will be discussed. Topics include: sexual differentiation, puberty, reproductive patterns and the effects of aging on the sexual response.

Credit Hours: 3 hrs

Prerequisite: BIO 105, BIO 110 or BIO 251

Cross-Listed with: WGST 269
Previously Listed As: BIOL 269
Last Updated: Links 10/2012

BIO 277 - Special Topics

An examination of topics in biology not covered in other department offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission
Previously Listed As: BIOL 277

BIO 278 - Special Topics

An examination of topics in biology not covered in other department offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission
Previously Listed As: BIOL 278

BIO 279 - Special Topics

An examination of topics in biology not covered in other department offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission
Previously Listed As: BIOL 279

BIO 301 - Genetics

A lecture course emphasizing the basic principles of inheritance with their application to plants and animals.

Credit Hours: 3 hrs
Prerequisite: C or better in BIO 120
Previously Listed As: BIOL 301
Last Updated: 03/2011

BIO 305 - Cell and Molecular Biology

A lecture course that examines the basic unit of structure and function in life, the cell. The course uses concepts of molecular biology to survey aspects of cellular function, such as metabolism, intercellular communication and cell division.

Credit Hours: 3 hrs
Prerequisite: CHEM 123 and CHEM 124 and C or better in BIO 301
Previously Listed As: BIOL 305
Last Updated: 03/2011

BIO 306W - Cell and Molecular Biology and Genetics Laboratory (Gen Ed Area I, W)

This laboratory course provides students with an opportunity to use molecular and cellular techniques to probe aspects of gene inheritance and expression. Students will develop critical reasoning and laboratory skills in preparation for advanced laboratory studies, independent research projects at the sub-organismal level, as well as for cooperative learning internships.

Credit Hours: 3 hrs

Concurrent Prerequisite: BIO 305

Previously Listed As: BIOL 306

Last Updated: Prerequisite change 12/2012

BIO 310 - Ecology

A lecture course introducing the concepts involved in the study of terrestrial and aquatic communities, their physical environment, and their integration into ecosystems. Emphasis will be on properties at the ecosystems, community and population levels.

Credit Hours: 3 hrs

Prerequisite: C or better in BIO 120

Previously Listed As: BIOL 310

Last Updated: 03/2011

BIO 311W - Laboratory in Ecology (Gen Ed Area I, W)

A laboratory and field course with two main objectives: (1) to introduce students to the methods and concepts involved in the study of the distribution and abundance of organisms, and (2) to familiarize students with the structure and function of aquatic and terrestrial communities.

Credit Hours: 3 hrs

Concurrent Prerequisite: Grade of C or better in BIO 310

Previously Listed As: BIOL 311

Last Updated: 03/2011

BIO 315 - Evolution

This lecture and discussion class examines basic concepts of evolutionary biology emphasizing evolutionary theory, evolutionary processes and contemporary topics in evolutionary biology. An integrative approach at the cell and molecular, organismal, population and higher taxonomic levels will be incorporated to understand the role of evolution as the organizing principle of all levels of biology and life.

Credit Hours: 3 hrs

Prerequisite: C or better in BIO 301

Previously Listed As: BIOL 315

Last Updated: 03/2011

BIO 326 - Human Physiology

A study of the functioning of the human body. Lecture, laboratory and demonstration.

Credit Hours: 3 hrs

Prerequisite: BIO 105 or BIO 120 or BIO 140

Previously Listed As: ZOOL 326

Last Updated: 03/2011

BIO 328 - Introductory Microbiology

Introduction to the biology of bacteria and other microbes; transmission of infectious diseases; and principles of, control of, and immunity to infectious diseases. A lecture/lab course.

Credit Hours: 3 hrs

Prerequisite: BIO 105 and CHEM 121; or BIO 251; or SPMD 202; or BIO 120 and all prerequisites require a C or better grade

Notes: This course does not apply on the curriculum in clinical laboratory sciences, but will count as an elective towards the biology major or minor

Previously Listed As: MICR 328

Last Updated: 03/2011

BIO 330 - Neuroanatomy

A lecture/laboratory course concerned with the study of the human nervous system, lesions and resulting disabilities.

Credit Hours: 4 hrs

Prerequisite: BIO 252 or BIO 326

Previously Listed As: ZOOL 316

Last Updated: Credit Hour 03/2012; 03/2011

BIO 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: BIOL 377

BIO 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: BIOL 378

BIO 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: BIOL 379

BIO 387 - Cooperative Education in Biology

Four or six months of full-time employment at an industrial firm or laboratory specially chosen for imparting a practical educational experience in biology of technology. The program consists of two work experiences (BIO395/495) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Class Restrictions: Junior Standing

Notes: Admittance to program by application only. Graded on a credit/no-credit basis.

Previously Listed As: BIOL 387

BIO 406 - The Nature of Science

This course examines the nature of scientific evidence, inquiry, hypothesis, models and laws. The development of science is put in the context of the structure and history of the scientific community. Interactions among scientists and between scientists and the rest of society are studied from an ethical perspective.

Credit Hours: 1 hr

Prerequisite: C- or better in BIO 301

Major Restrictions: Department permission required for science majors or minors from other programs.

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: CHEM 406 and ESSC 406

Previously Listed As: BIOL 406

Last Updated: Cross-Listed 09/2011; Graduate Credit 07/2011; 03/2011

BIO 410 - Limnology

A lecture, laboratory and field course dealing with physicochemical and biological interrelationships in standing waters.

Credit Hours: 3 hrs

Prerequisite: BIO 310 and BIO 311W

Cross-Listed with: BIO 510

Previously Listed As: BIOL 410

Last Updated: Links 03/2011

BIO 411 - Animal Physiological Ecology

A lecture, laboratory and discussion course covering thermoregulation, metabolic rate, torpor, water flux, and specific adaptations for life in the cold, deserts, high altitude and great depths. Laboratory work emphasizes computerized data acquisition.

Credit Hours: 3 hrs

Prerequisite: BIO 305 or BIO 310

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: BIO 511

Previously Listed As: ZOOL 439

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 412 - Biogeography

A lecture course involving the descriptive and historical aspects of plant and animal distribution and the basic principles governing their natural distribution in both space and time.

Credit Hours: 3 hrs

Prerequisite: BIO 120 and ESSC 108, ESSC 202, ESSC 110 or ESSC 111

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BIOL 412

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 413 - Wetland Ecosystems

Advanced field ecology course in the theory and methods of study of wetland ecosystems.

Credit Hours: 3 hrs

Prerequisite: BIO 310 and BIO 311W

Cross-Listed with: BIO 513

Previously Listed As: BIOL 435

Last Updated: Links 03/2011

BIO 414 - Terrestrial Ecosystems

Advanced field ecology course in the theory and methods of study of the structure and dynamics of terrestrial ecosystems.

Credit Hours: 3 hrs

Prerequisite: BIO 310 and BIO 311W

Cross-Listed with: BIO 514

Previously Listed As: BIOL 436

Last Updated: Links 03/2011

BIO 415 - Microbial Ecology

Interactions among microbes (fungi, bacteria, some phages), other living organisms and the environment, with emphases on parasitism, mutualism, commensalism and biogeochemical recycling of matter. Includes both laboratory and field exercises.

Credit Hours: 3 hrs

Prerequisite: BIO 425

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: MICR 442

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 425 - General Microbiology

A lecture and laboratory course on the nature and biology of bacteria and other microbes, their physiological relationships in natural and controlled environments, and the interactions of pathogenic microorganisms with their hosts. Laboratory includes an introduction to the techniques of isolating, cultivating, and identifying bacteria and other microbes, and their physiological, serological and pathological properties.

Credit Hours: 5 hrs

Prerequisite: C- or better in BIO 301; and CHEM 270 or CHEM 372

Notes: Not open to those who take BIO 328. CHEM 451 is highly recommended.

Previously Listed As: MICR 329

Last Updated: Links 03/2011

BIO 426 - Immunobiology

Cellular and molecular responses to immunogens; primary and peripheral immune organs; T-cells and B-cells in cell-mediated and humoral immunity, immune regulation and mechanisms; hypersensitivity; immunity against microbial infectious agents; antigen/antibody reactions in vitro used in research and diagnostics.

Credit Hours: 3 hrs

Prerequisite: BIO 425

Class Restrictions: Junior standing

Cross-Listed with: BIO 526

Last Updated: Links 03/2011

BIO 429 - Bacterial Pathogenesis

A lecture course that examines the mechanisms of bacterial pathogenesis. Emphasis will be placed on host-bacterial interactions that lead toward bacterial infection.

Credit Hours: 3 hrs

Prerequisite: BIO 425

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: MICR 455

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 443 - Developmental Biology

A course on the molecular aspects of early development, cytodifferentiation, cell communication, morphogenesis, pattern formation and developmental genetics.

Credit Hours: 3 hrs

Prerequisite: BIO 305

Class Restrictions: Junior standing

Cross-Listed with: BIO 543

Last Updated: Links 03/2011

BIO 446 - Genome Analysis

An introductory course to the field of genomics. This involves the study of genome data and exploration of the organization, dynamics and evolution of genes and genomes. The laboratory component involves analyses of genes, genomic variation/DNA fingerprinting, DNA sequences and molecular evolution.

Credit Hours: 4 hrs

Prerequisite: BIO 305, BIO 306W or BIO 548

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: BIO 546

Previously Listed As: BIOL 401

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 447 - Scanning Electron Microscopy

A lecture-laboratory course that provides the basic theory and practice of scanning electron microscopy. Lectures are coordinated with individualized instruction on laboratory equipment. Students design and conduct an original research project that is

presented in both written and oral forms at the end of the semester.

Credit Hours: 3 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BIOL 418

Last Updated: Graduate Credit 07/2011

BIO 455 - Plant Evolution and Classification

Classification and identification of plants, including methods of collection and preservation of vascular plants. Lectures will introduce processes of evolution that have influenced the diversity and relationships among plant groups.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 130

Cross-Listed with: BIO 555

Previously Listed As: BOTN 455

Last Updated: Links 03/2011

BIO 456 - Freshwater Algae

A survey of the freshwater algal divisions; their morphology, taxonomy, ecology and economic importance. Lectures emphasize an evolutionary approach. Laboratory work stresses the identification of representative algal taxa. Class field collections are made.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 130

Cross-Listed with: BIO 556

Previously Listed As: BOTN 451

Last Updated: Links 03/2011

BIO 457 - Aquatic Plants

Analysis of vascular aquatic and wetland plants and habitats. Lectures stress physical and biological habitat features and plant adaptations. Laboratories stress identification of aquatic and wetland species.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 130

Cross-Listed with: BIO 557

Previously Listed As: BOTN 450

Last Updated: Links 03/2011

BIO 458 - Trees and Shrubs

A taxonomic field course on the biology, classification and identification of native trees and shrubs in winter and summer conditions.

Credit Hours: 3 hrs

Prerequisite: BIO 205 or BIO 120 or BIO 130

Cross-Listed with: BIO 558

Previously Listed As: BOTN 354

Last Updated: Links 03/2011

BIO 459 - Mycology

A lecture-laboratory course on the study of molds, rusts, mildews, edible and poisonous mushrooms, and other fungi. Their life history, economic importance, method of identification and preservation are considered.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 130

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BOTN 404

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 460 - Plant Anatomy

A basic lecture-laboratory course in plant histology emphasizing recognition of primary and secondary tissues as variously combined in root, stem, leaf and flower of a wide variety of representative seed plants.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 130

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BOTN 412

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 461 - Plant Physiology

A detailed study of major plant functions with emphasis on growth and development presented by lecture, demonstration and experimentation in laboratory and greenhouse.

Credit Hours: 3 hrs

Prerequisite: BIO 305 and BIO 306W; and CHEM 270 or CHEM 372

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BOTN 442

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 462 - Plant Biotechnology

A hands-on exploration of the techniques used in plant biotechnology and their application to agricultural biotechnology and basic science. State-of-the-art molecular biology techniques are applied to genetic engineering of plants and plant products. Lecture and discussion provide the theoretical basis for the techniques used.

Credit Hours: 3 hrs

Prerequisite: BIO 305 and BIO 306W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BOTN 445

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 472 - Parasitology

A survey of animal parasites that affect other animals including the human.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: BIO 572

Previously Listed As: ZOOL 462

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 473 - Concepts in Animal Physiology

Central themes in physiology (circulation, metabolism, water balance, temperature regulation, communication, movement, reproduction) will be studied. Class activities will examine strategies used by vertebrates and invertebrates with regard to these physiological concepts. Current literature, experiments and case studies will be used to demonstrate the diverse physiological responses of animals.

Credit Hours: 3 hrs

Prerequisite: BIO 305

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ZOOL 445

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 474 - Comparative Anatomy of Vertebrates

The anatomy of the vertebrate organ systems is studied on a comparative basis, which emphasizes the evolutionary development of the groups. Laboratory work includes detailed dissection of a shark and cat.

Credit Hours: 4 hrs

Lecture/Lab Hours: Three one-hour lectures and two two-hour laboratory periods per week.

Prerequisite: BIO 120 or BIO 140

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ZOOL 431

Last Updated: Graduate Credit 07/2011; Links 03/2011

BIO 476 - Mammalian Histology

A lecture/laboratory course dealing with the structure and properties of mammalian organs and their component tissues.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 576

Previously Listed As: ZOOL 404

Last Updated: Links 03/2011

BIO 480 - Natural History of Invertebrates

A field course in the recognition, collection, identification and preservation of common invertebrates of Michigan, exclusive of the insects, with emphasis on their natural history, ecology and economic importance.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 580

Previously Listed As: ZOOL 300

Last Updated: Links 03/2011

BIO 481 - Natural History of Vertebrates

A survey of vertebrates, emphasizing their adaptations and their natural history. Laboratory work will stress the taxonomic classification, identification and distribution of local and other forms. Fieldwork will emphasize accurate observation and permanent recording of original data on local species.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 581

Previously Listed As: ZOOL 310

Last Updated: Links 03/2011

BIO 482 - Ichthyology

A study of the biology, classification, distribution and evolution of fishes. Attention is given to the morphology, physiology, behavior, natural history and ecology of fishes through work in lecture, laboratory and in the field. Specific experience in the identification of the freshwater fishes of the Great Lakes region is provided in addition to a general survey of some marine fish families.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 582

Previously Listed As: ZOOL 422

Last Updated: Links 03/2011

BIO 483 - Mammalogy

Some aspects of the biology of mammals: origins and evolution, anatomy, classification, adaptations and zoogeography. Natural history and aspects of their ecology are studied in the field. A collection of study specimens of different species is required of each student.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 583

Previously Listed As: ZOOL 485

Last Updated: Links 03/2011

BIO 484 - Herpetology

Taxonomy, distribution, life histories, behavior and ecology of amphibians and reptiles with an emphasis on local species.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 584

Previously Listed As: ZOOL 474

Last Updated: Links 03/2011

BIO 485 - Ornithology

A course in bird biology for the secondary teacher and students with advanced interest in biology. Field identification and census methods will be used to introduce the study of bird populations, behavior and ecology.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 585

Notes: A student field project will be required. A survey of major North American bird families will be made in the laboratory.

Previously Listed As: ZOOL 425

Last Updated: Links 03/2011

BIO 486 - Entomology

A survey of the world of insects, their structure, function, behavior and ecology. The identification and classification of local insects will be stressed. A student field project will be required.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Cross-Listed with: BIO 586

Previously Listed As: ZOOL 421

Last Updated: Links 03/2011

BIO 487 - Cooperative Education in Biology

Four or six months of full-time employment at an industrial firm or laboratory specially chosen for imparting a practical educational experience in biology or technology. The program consists of two work experiences (BIO395/495) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: BIO 395

Notes: Admittance to program by application only. Graded on a credit/no-credit basis

Previously Listed As: BIOL 487

Last Updated: Links 03/2011

BIO 488 - Biology of Arachnids

Lecture, lab and field course addressing principles of arachnid biology. Course covers morphology, physiology, behavior, natural history and ecology. Identification and classification of major arachnid families supported by collections and observations of organisms from southern Michigan.

Credit Hours: 3 hrs

Prerequisite: BIO 120 or BIO 140

Class Restrictions: Sophomore standing

Last Updated: Links 03/2011

BIO 490 - Special Topics

An examination of advanced topics in biology not covered in other department offerings.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: BIOL 490

BIO 491 - Special Topics

An examination of advanced topics in biology not covered in other department offerings.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: BIOL 491

BIO 492 - Special Topics

An examination of advanced topics in biology not covered in other department offerings.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: BIOL 492

BIO 497 - Undergraduate Research in Biology

Independent, original research in biology involving extensive library, computation, field, and/or laboratory study, under the guidance of a biology faculty member. May be elected more than once upon approval.

Credit Hours: 1 hr

Prerequisite: department permission

Previously Listed As: BIOL 497

BIO 498 - Undergraduate Research in Biology

Independent, original research in biology involving extensive library, computation, field, and/or laboratory study, under the guidance of a biology faculty member. May be elected more than once upon approval.

Credit Hours: 2 hrs

Prerequisite: department permission

Previously Listed As: BIOL 498

BIO 499 - Undergraduate Research in Biology

Independent, original research in biology involving extensive library, computation, field, and/or laboratory study, under the guidance of a biology faculty member. May be elected more than once upon approval.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: BIOL 499

Biology Teaching

BIOT 303 - Life Science for Elementary Teachers

Major biological concepts and best practices for teaching science, including inquiry and the "discovery" approach, will be covered. Class configuration — methods or fieldwork and web-based instruction involving inquiry, resource evaluation and recitation. Concluding course in the elementary science sequence.

Credit Hours: 3 hrs

Prerequisite: CURR 304 and ESSC 202

Major Restrictions: Admission to the Initial Teacher Preparation Program

Previously Listed As: BIOL 303

Last Updated: Links 03/2011

BIOT 403 - Methods for Teaching Secondary Biology

A lecture-laboratory course providing knowledge, training and practice in the presentation of biological principles, analysis of texts, selection of course content, effective classroom methods and preparation of classroom materials used in the teaching of biology.

Credit Hours: 3 hrs

Prerequisite: BIO 120, CURR 305 and EDPS 340

Major Restrictions: Admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: BIOL 403

Last Updated: Graduate Credit 7/2011; Links 03/2011

BIOT 407 - Nature of Science for Elementary Teachers

This course examines the nature of scientific evidence, inquiry, hypotheses, models and laws. The development of science is put in the context of the structure of the discipline, its history, and interactions with society. Discussions of modern theories and laws will integrate scientific concepts with the processes of how science works. The class will also provide students with activities to demonstrate these concepts.

Credit Hours: 2 hrs

Prerequisite: ASTR 105, BIO 105, PHY 311, CHEM 312 and ESSC 311

Class Restrictions: Junior standing

Major Restrictions: Elementary Integrated Science Majors only

Last Updated: Links 03/2011

Chemistry Programs and Courses

Chemistry

Major

Biochemistry/Toxicology Major

Chemistry Department Information:

Department Head: Steven Pernecky
Department Contact: spernecky@emich.edu
Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 69 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- * BIO 301 - Genetics 3 hrs
- * BIO 476 - Mammalian Histology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 361 - Fundamentals of Physical Chemistry 3 hrs
- CHEM 381W - Instrumentation for Chemical Technology (Gen Ed Area I, W) 2 hrs
- CHEM 411 - Toxicology I 2 hrs
- CHEM 412 - Toxicology II 3 hrs
- CHEM 413 - Toxicology Laboratory 2 hrs
- CHEM 451 - Biochemistry I 3 hrs
- CHEM 452 - Biochemistry II 3 hrs
- CHEM 453W - Biochemistry Laboratory (Gen Ed Area I, W) 2 hrs

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

One course from the following:

- * BIO 305 - Cell and Molecular Biology 3 hrs
- * BIO 326 - Human Physiology 3 hrs

One course from the following:

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- PSY 205 - Quantitative Methods in Psychology 3 hrs

Toxicology cooperative education project:

At least two hours from a toxicology cooperative education project.

- CHEM 487 - Cooperative Education in Chemistry 1 hr
- CHEM 488 - Cooperative Education in Chemistry 2 hrs
- CHEM 489 - Cooperative Education in Chemistry 3 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** Completion of BIO 110, or equivalent coursework, is required for Biochemistry students to obtain Biology departmental permission for 300- and 400-level biology courses.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

General Biochemistry Major

This curriculum is design for students with an interest in biochemistry but who require a less extensive background than that presented in the professional biochemistry curriculum. It is often selected by students in premedical and preidental programs.

The program includes a group minor composed of the required courses in biology, mathematics and physics. No other minor is needed to meet graduation requirements.

Chemistry Department Information:

Department Head: Steven Pernecky
Department Contact: spernecky@emich.edu
Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 55-57

Required Coures: 50-52 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- * BIO 301 - Genetics 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ** CHEM 270 - Survey of Organic Chemistry 4 hrs
- ** CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 361 - Fundamentals of Physical Chemistry 3 hrs
- CHEM 381W - Instrumentation for Chemical Technology (Gen Ed Area I, W) 2 hrs
- CHEM 451 - Biochemistry I 3 hrs
- CHEM 452 - Biochemistry II 3 hrs
- CHEM 453W - Biochemistry Laboratory (Gen Ed Area I, W) 2 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One course from the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

Elective Courses: 5 hours

* Five credits from any 300-level or above biology courses.

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** Completion of BIO 110, or equivalent coursework, is required for Biochemistry students to obtain Biology departmental permission for 300- and 400-level biology courses.*

*** Premedicine and predentistry students should substitute CHEM 371, CHEM 372, and CHEM 373 to satisfy the requirements for organic chemistry of most medical and dental schools.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

General Chemistry Major

The general chemistry major is for students who seek work in the chemical or pharmaceutical industry, who are preparing for careers in health fields such as medicine or dentistry, or who are interested in a career combining chemistry with fields such as business, patent law, technical writing or industrial health and safety. Students who are interested in graduate training in chemistry should elect the professional chemistry curriculum.

Chemistry Department Information:

Department Head: Steven Pernecky
 Department Contact: spernecky@emich.edu
 Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 12-14 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One course from the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

Major Requirements: 30 hours

Required Courses: 25 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 361 - Fundamentals of Physical Chemistry 3 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- CHEM 381W - Instrumentation for Chemical Technology (Gen Ed Area I, W) 2 hrs

Elective Courses: 5 hours

Five hours from 300- and 400-level courses in chemistry.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Professional Biochemistry Major

The professional biochemistry curriculum prepares students for graduate study or a research career in biochemistry. With the appropriate elective (CHEM 332 or CHEM 432), it meets the requirements established for certification by the American Chemical Society. The program includes a group minor composed of the required courses in biology, mathematics and physics. No other minor is needed to meet graduation requirements.

Chemistry Department Information:

Department Head: Steven Pernecky
Department Contact: spernecky@emich.edu
Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 78 hours

Required Courses: 71 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- * BIO 301 - Genetics 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs

- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- CHEM 451 - Biochemistry I 3 hrs
- CHEM 452 - Biochemistry II 3 hrs
- CHEM 453W - Biochemistry Laboratory (Gen Ed Area I, W) 2 hrs
- CHEM 461 - Chemical Thermodynamics and Kinetics 3 hrs
- CHEM 463W - Physical Chemistry Laboratory (Gen Ed Area I, W) 2 hrs
- CHEM 465 - Quantum and Statistical Mechanics 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs

Two hours from the following:

- CHEM 487 - Cooperative Education in Chemistry 1 hr
- CHEM 488 - Cooperative Education in Chemistry 2 hrs
- CHEM 489 - Cooperative Education in Chemistry 3 hrs
- CHEM 497 - Undergraduate Research in Chemistry 1 hr
- CHEM 498 - Undergraduate Research in Chemistry 2 hrs
- CHEM 499 - Undergraduate Research in Chemistry 3 hrs

Elective Courses: 7 hours

- *Three hours from any courses in biology 300-level or above and...*

Four hours from the following:

- ** CHEM 332 - Inorganic Chemistry 2 hrs
- CHEM 411 - Toxicology I 2 hrs
- CHEM 412 - Toxicology II 3 hrs
- CHEM 413 - Toxicology Laboratory 2 hrs
- ** CHEM 432 - Advanced Inorganic Chemistry 3 hrs
- CHEM 433 - Inorganic-Organic Synthesis Laboratory 2 hrs
- CHEM 475 - Introduction to Polymer Chemistry 3 hrs
- CHEM 477 - Special Topics 1 hr
- CHEM 478 - Special Topics 2 hrs
- CHEM 479 - Special Topics 3 hrs
- CHEM 481 - Instrumental Analysis 4 hrs
- CHEM 485 - Introduction to Radiotracer Techniques 2 hrs
- CHEM 487 - Cooperative Education in Chemistry 1 hr
- CHEM 488 - Cooperative Education in Chemistry 2 hrs

- CHEM 489 - Cooperative Education in Chemistry 3 hrs
- CHEM 497 - Undergraduate Research in Chemistry 1 hr
- CHEM 498 - Undergraduate Research in Chemistry 2 hrs
- CHEM 499 - Undergraduate Research in Chemistry 3 hrs
- CHEM 551 - Macromolecular Biochemistry 2 hrs
- CHEM 554 - Protein Structure and Function 2 hrs
- CHEM 555 - Neurochemistry 3 hrs
- CHEM 572 - Spectrometric Organic Structure Determination 4 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

** Completion of BIO 110, or equivalent coursework, is required for biochemistry students to obtain biology departmental permission for 300- and 400-level biology courses.*

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

*** Certification by the American Chemical Society requires appropriate selection of electives from among those indicated with ***.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Professional Chemistry Major

This curriculum provides the necessary background for those planning to become professional chemists. The professional chemistry curriculum meets the requirements established for certification by the American Chemical Society. Students successfully completing the curriculum are prepared to undertake graduate study in chemistry or enter technical positions in industrial and governmental research. The program includes a group minor composed of the required courses in mathematics and physics. No other minor is needed to meet graduation requirements.

For students planning graduate study in chemistry (especially organic chemistry), 10 hours or an equivalent reading knowledge of a foreign language, preferably German, is recommended

Chemistry Department Information:

Department Head: Steven Pernecky
Department Contact: spernecky@emich.edu
Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 69-70 hours

Required Courses: 67-68 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- CHEM 432 - Advanced Inorganic Chemistry 3 hrs
- CHEM 433 - Inorganic-Organic Synthesis Laboratory 2 hrs
- CHEM 461 - Chemical Thermodynamics and Kinetics 3 hrs
- CHEM 463W - Physical Chemistry Laboratory (Gen Ed Area I, W) 2 hrs
- CHEM 465 - Quantum and Statistical Mechanics 3 hrs
- CHEM 481 - Instrumental Analysis 4 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs

One course from the following:

- CHEM 351 - Foundations of Biochemistry 4 hrs
- CHEM 451 - Biochemistry I 3 hrs

Two hours from the following:

- CHEM 487 - Cooperative Education in Chemistry 1 hr
- CHEM 488 - Cooperative Education in Chemistry 2 hrs
- CHEM 489 - Cooperative Education in Chemistry 3 hrs
- CHEM 497 - Undergraduate Research in Chemistry 1 hr
- CHEM 498 - Undergraduate Research in Chemistry 2 hrs
- CHEM 499 - Undergraduate Research in Chemistry 3 hrs

Elective Courses: 2 hours

Chemistry

- CHEM 411 - Toxicology I 2 hrs
- CHEM 412 - Toxicology II 3 hrs
- CHEM 413 - Toxicology Laboratory 2 hrs
- CHEM 415 - Environmental Chemistry 3 hrs
- CHEM 452 - Biochemistry II 3 hrs
- CHEM 453W - Biochemistry Laboratory (Gen Ed Area I, W) 2 hrs
- CHEM 475 - Introduction to Polymer Chemistry 3 hrs
- CHEM 477 - Special Topics 1 hr
- CHEM 478 - Special Topics 2 hrs
- CHEM 479 - Special Topics 3 hrs
- CHEM 485 - Introduction to Radiotracer Techniques 2 hrs
- CHEM 487 - Cooperative Education in Chemistry 1 hr
- CHEM 488 - Cooperative Education in Chemistry 2 hrs
- CHEM 489 - Cooperative Education in Chemistry 3 hrs
- CHEM 497 - Undergraduate Research in Chemistry 1 hr
- CHEM 498 - Undergraduate Research in Chemistry 2 hrs
- CHEM 499 - Undergraduate Research in Chemistry 3 hrs
- CHEM 551 - Macromolecular Biochemistry 2 hrs
- CHEM 554 - Protein Structure and Function 2 hrs
- CHEM 555 - Neurochemistry 3 hrs
- CHEM 561 - Quantum Chemistry and Spectroscopy 2 hrs
- CHEM 562 - Statistical Mechanics and Chemical Kinetics 2 hrs
- CHEM 565 - Nuclear Chemistry 3 hrs
- CHEM 571 - Advanced Organic Chemistry 3 hrs
- CHEM 572 - Spectrometric Organic Structure Determination 4 hrs
- CHEM 574 - Advanced Organic Chemistry Topics 2 hrs
- CHEM 581 - Advanced Analytical Chemistry 3 hrs

Mathematics and Computer Science

- Other 400-level courses with department permission
- MATH 325 - Differential Equations 3 hrs
- MATH 425 - Mathematics for Scientists 3 hrs

Physics

- Other 400-level courses with department permission
- PHY 450 - Electricity and Magnetism II 3 hrs
- PHY 452 - Electrical Measurements 4 hrs
- PHY 456 - Electronics for Scientists 4 hrs
- PHY 471 - Atomic and Nuclear Physics 3 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Chemistry Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in chemistry, certification code DC, and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the National Science Teachers Association. The Michigan Test for Teacher Certification (MTTC) covering this field is #018, "Chemistry."

Chemistry Department Information:

Department Head: Steven Pernecky
 Department Contact: spernecky@emich.edu
 Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Larry Kolopajlo
 Email: lkolopajl@emich.edu
 Phone: 734.487.0106

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 12-14 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One course from the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

Major Requirements: 32 hours

Required Courses: 29-30 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 361 - Fundamentals of Physical Chemistry 3 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- CHEM 381W - Instrumentation for Chemical Technology (Gen Ed Area I, W) 2 hrs
- CHEM 406 - The Nature of Science 1 hr
or equivalent (see course description)

One course from the following:

- CHEM 351 - Foundations of Biochemistry 4 hrs
- CHEM 451 - Biochemistry I 3 hrs

Elective Courses: 2-3 hours

Two to three hours from 300- and 400-level courses in chemistry.

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Chemistry Majors take one of:

- CHEM 325 - Methodology for Secondary Chemistry Teachers 3 hrs
- PHY 325 - Methods of Teaching the Physical Sciences 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Biochemistry Minor

Chemistry Department Information:

Department Head: Steven Pernecky
 Department Contact: spernecky@emich.edu
 Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

Required Courses: 22-23 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- * CHEM 270 - Survey of Organic Chemistry 4 hrs
- * CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 453W - Biochemistry Laboratory (Gen Ed Area I, W) 2 hrs

One course from the following:

- CHEM 351 - Foundations of Biochemistry 4 hrs
- CHEM 451 - Biochemistry I 3 hrs

Minor Total: 22-23 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** The CHEM 371/372/373 sequence may be substituted for CHEM 270/271 if a stronger background is desired.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Chemistry Minor

Chemistry Department Information:

Department Head: Steven Pernecky
 Department Contact: spernecky@emich.edu
 Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Steve Pernecky
 Phone: 734.487.0106
 Email: spernecky@emich.edu

Required Courses: 17 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- * CHEM 270 - Survey of Organic Chemistry 4 hrs
- * CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs

Elective Courses: 3 hours

Three hours from courses numbered above 200 in chemistry.

Minor Total: 20 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** The CHEM 371/372/373 sequence may be substituted for CHEM 270/271 if a stronger background is desired. CHEM 371/372/373 cannot be used as elective hours in chemistry.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Chemistry Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in chemistry, certification code DC. The Michigan Test for Teacher Certification (MTTC) covering this field is #018, "Chemistry."

Chemistry Department Information:

Department Head: Steven Pernecky
 Department Contact: spernecky@emich.edu
 Website: <http://www.emich.edu/chemistry>

Adviser Information:

Program Adviser: Larry Kolopajlo
 Phone: 734.487.0106
 Email: lkolopajl@emich.edu

Required Courses: 24 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- * CHEM 270 - Survey of Organic Chemistry 4 hrs
- * CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs

Choose one option from the following:

Option I

Electives: Three hours in Chemistry from courses numbered above 200. If a student is a nonscience major, then that student will take CHEM 325 or PHY 325 (3 hrs) as an elective course and either BIO 406, CHEM 406, ESSC 406, or PHY 406 (1 hr).

- CHEM 351 - Foundations of Biochemistry 4 hrs

Option II

Four elective hours in chemistry from courses numbered above 200. If a student is a nonscience major, then that student will take CHEM 325 or PHY 325 (3 hrs) as an elective course and either BIO 406, CHEM 406, ESSC 406, or PHY 406 (1 hr).

- CHEM 451 - Biochemistry I 3 hrs

Minor Total: 24 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** The CHEM 371/372/373 sequence may be substituted for CHEM 270/271 if a stronger background is desired. The 8 hour sequence CHEM 371/372/373 will also count for three hours of electives for science majors. Non-science majors who take CHEM 371/372/373 must still take CHEM 325 and CHEM 406.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Chemistry

CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV)

Designed for students who plan to teach in elementary school. Lectures deal with some basic principles of chemistry while the laboratory work emphasizes the discovery approach as it may be used in an elementary classroom. Simple equipment and easily obtained chemicals are used in the experiments. Does not count toward major or minor.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: PHY 100

Area IV: Knowledge of the Disciplines

CHEM 101 Chemistry for Elementary Teachers

Chemistry for Elementary Teachers is one of four science courses that are required for all Elementary Education majors. This set of required courses in the natural sciences is designed to give students a general understanding of the laws that govern the natural world, an introduction to the scientific method, and provide strategies for teaching these concepts to elementary school students. In particular, the CHEM101 course provides an introduction to basic chemical theories and concepts, while the laboratory portion of the course gives students the opportunity to employ the scientific method to solve simple chemical problems. Finally, the course aims at providing students with the tools to understand the physical world and everyday manifestations of chemical laws. Because of the introductory nature of the course and given the relevance of the topics discussed in the course to everyday life.

Last Updated: Links 03/2011

CHEM 115 - Chemistry and Society (Gen Ed Area IV)

Examines the relevance of chemistry to the problem of how humans relate to the environment. It is designed for humanities and other nonscience majors. No previous mathematics or chemistry is required. In order to satisfy four credits of Knowledge of the Disciplines - Natural Science portion of the General Education program, CHEM116 must be taken concurrently.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Notes: Does not count toward major or minor.

Area IV: Knowledge of the Disciplines

CHEM 115 Chemistry and Society & Lab

Chemistry and Society and its required companion laboratory course (CHEM116) examine the relevance of chemistry to the problem of how humans relate to the environment. This pair of courses explores some of the major environmental issues of our time, such as global warming, air and water pollution and energy consumption. During the discussion of these problems, chemical concepts are introduced as a tool to understand the scientific basis of possible solutions. The courses are designed for non-science majors and in this context they discuss many of the basic concepts, theories and techniques that are fundamental to the chemical sciences. The aim of the course is to enable students to examine science-related societal issues using the basic knowledge and tools of chemistry and to evaluate proposed solutions to the issues using a scientific approach.

CHEM 116 - Chemistry and Society Laboratory (Gen Ed Area IV)

The course consists of a set of laboratory experiments based on environmental problems such as water and air pollution, drugs and pesticides. CHEM115 must be taken concurrently to satisfy four credits of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: two hours per week.

Concurrent Prerequisite: CHEM 115

Area IV: Knowledge of the Disciplines

CHEM 116 Chemistry and Society & Lab

Chemistry and Society (CHEM 115) and its required companion laboratory course examine the relevance of chemistry to the problem of how humans relate to the environment. This pair of courses explores some of the major environmental issues of our time, such as global warming, air and water pollution and energy consumption. During the discussion of these problems, chemical concepts are introduced as a tool to understand the scientific basis of possible solutions. The courses are designed for non-science majors and in this context they discuss many of the basic concepts, theories and techniques that are fundamental to the chemical sciences. The aim of the course is to enable students to examine science-related societal issues using the basic knowledge and tools of chemistry and to evaluate proposed solutions to the issues using a scientific approach.

Last Updated: 3/1/2011

CHEM 117 - Fundamentals of Chemistry-Lecture (Gen Ed Area IV)

A rapidly moving introductory study of basic principles in general chemistry. Includes elements, compounds, periodic properties, atomic structure, gas laws and stoichiometry. Can be used with CHEM 118 to satisfy the chemistry prerequisite for CHEM 121. CHEM 118 must be taken concurrently to satisfy four credits of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: MATH 098 (C), MATH 098B (C), MATH 104, MATH 105, MATH 107, MATH 110, MATH 110E, MATH 112, MATH 118, MATH 119, MATH 120, MATH 170 or Level 3 math placement

Corequisites: CHEM 118

Area IV: Knowledge of the Disciplines

CHEM 117 Fundamentals of Chemistry & Lab [was CHEM 119]

Fundamentals of Chemistry and its required companion laboratory class (CHEM 118) provide an introduction to basic chemical principles for students with minimal or no chemistry background. The pair of courses presents an overview of fundamental concepts such as molecular structure, stoichiometry and acid-base chemistry. They are a stand-alone, introductory pair of courses, as well as preparatory courses to others that are taught at a more advanced level, such as CHEM 120 (Fundamentals of Organic and Biochemistry) and CHEM 121 (General Chemistry). The laboratory portion of the course provides an introduction to the process of scientific discovery and basic laboratory techniques. The experiments are drawn from topics presented in the lecture course. The goal of the courses is to familiarize students with the scientific method as it applies to chemistry, basic experimental techniques and fundamental chemical concepts.

Last Updated: Links 03/2011

CHEM 118 - Fundamentals of Chemistry Laboratory (Gen Ed Area IV)

This course is designed to accompany CHEM 117 lecture. Will provide an introduction to scientific discovery through experimentation and observation. Experiments are drawn from topics presented in the chemistry lectures in CHEM 117. CHEM 117 must be taken concurrently to satisfy four credits of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: two hours per week.

Corequisites: CHEM 117

Area IV: Knowledge of the Disciplines

CHEM 118 Fundamentals of Chemistry & Lab [was CHEM 119]

Fundamentals of Chemistry (CHEM117) and its required companion laboratory class provide an introduction to basic chemical principles for students with minimal or no chemistry background. The pair of courses presents an overview of fundamental concepts such as molecular structure, stoichiometry and acid-base chemistry. They are a stand-alone, introductory pair of courses, as well as preparatory courses to others that are taught at a more advanced level, such as CHEM 120 (Fundamentals of Organic and Biochemistry) and CHEM 121 (General Chemistry). The laboratory portion of the course provides an introduction to the process of scientific discovery and basic laboratory techniques. The experiments are drawn from topics presented in the lecture course. The goal of the courses is to familiarize students with the scientific method as it applies to chemistry, basic experimental techniques and fundamental chemical concepts.

Last Updated: Links 03/2011

CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV)

A survey of organic chemistry and biochemistry; completes the study of chemistry begun in CHEM 117/CHEM 118 and is a terminal course. Does not count toward major or minor.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: two hours per week

Prerequisite: high school chemistry or CHEM 117

Area IV: Knowledge of the Disciplines

CHEM 120 Fundamentals of Organic Biochemistry

Fundamentals of Organic and Biochemistry is a one-semester survey course that introduces students to some basic principles of organic chemistry and its applications to biochemistry. The course is designed for students who have an interest in health-related topics and who are considering careers in the medical and allied fields. In the first portion of the course, the structure and reactivity of all major classes of organic compounds are discussed, these include saturated and unsaturated hydrocarbons, aromatic compounds, amines, alcohols and others. During the second part of the course, the basic terminology and fundamental concepts of organic chemistry are applied to the understanding of biochemical processes. After a survey of the major categories of biochemical compounds, such as carbohydrates, lipids, amino acids and proteins, several overarching themes of biochemistry are explored. These include the structure and function of enzymes, bioenergetic cycles such as the citric acid cycle and oxidative phosphorylation and important catabolic pathways such as glycolysis and fatty acid oxidation. Lastly, the field of molecular biology is briefly discussed, including the role of nucleic acids and protein syntheses. The laboratory portion of the course complements the lecture by introducing students to basic experimental techniques and by reinforcing concepts discussed in lecture.

Last Updated: Links 03/2011

CHEM 121 - General Chemistry I (Gen Ed Area IV)

The first semester of a two-semester sequence covering the principles of chemistry for science majors and others with an interest and background in science. CHEM 122 must be taken concurrently to satisfy four credits of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: MATH 104, MATH 105, MATH 112, MATH 119, MATH 120, Level 4 placement or Level 3 math placement

with concurrent registration in MATH 104; High school chemistry

Corequisites: CHEM 122

Area IV: Knowledge of the Disciplines

CHEM 121 General Chemistry I & Lab

General Chemistry I and its required companion laboratory course are the first half of a two-semester introductory chemistry sequence aimed at students who will pursue science-related majors. The courses introduce some of the fundamental concepts in the chemical sciences, such as atomic structure and bonding, stoichiometry, the periodic table, chemical reactivity and thermochemistry. In the laboratory portion of the course, students are exposed to basic techniques such as proper use of glassware, observations, simple syntheses, colorimetry and titration. In addition, students are shown how mathematical models and error analysis can be used to analyze data and draw conclusions. The goal of the courses is to introduce the field of chemistry, its fundamental concepts and theories and its basic experimental techniques to students who have an interest in science.

Last Updated: Links 03/2011

CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV)

The laboratory class to accompany CHEM 121. Students learn basic techniques employed in a chemistry laboratory, including use of analytical balances, quantitative glassware, spectrophotometry and computers for data acquisition and analysis. CHEM 121 must be taken concurrently to satisfy four credits of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: three hours per week.

Corequisites: CHEM 121

Area IV: Knowledge of the Disciplines

CHEM 121 General Chemistry I & Lab

General Chemistry I and its required companion laboratory course are the first half of a two-semester introductory chemistry sequence aimed at students who will pursue science-related majors. The courses introduce some of the fundamental concepts in the chemical sciences, such as atomic structure and bonding, stoichiometry, the periodic table, chemical reactivity and thermochemistry. In the laboratory portion of the course, students are exposed to basic techniques such as proper use of glassware, observations, simple syntheses, colorimetry and titration. In addition, students are shown how mathematical models and error analysis can be used to analyze data and draw conclusions. The goal of the courses is to introduce the field of chemistry, its fundamental concepts and theories and its basic experimental techniques to students who have an interest in science.

Last Updated: Links 03/2011

CHEM 123 - General Chemistry II

A continuation of the two-semester sequence covering the general principles of chemistry for science majors and others with an interest and background in science.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week

Prerequisite: (C- or better in CHEM 121) and CHEM 122 and (MATH 104 or MATH 105 or MATH 112 or MATH 119 or MATH 120 or Level 4 math placement)

Corequisites: CHEM 124

Last Updated: Links 03/2011

CHEM 124 - General Chemistry II Laboratory

The techniques learned in CHEM 122 are reemphasized and supplemented.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: three hours per week

Prerequisite: C- or better in CHEM 122

Corequisites: CHEM 123

Last Updated: Links 03/2011

CHEM 125 - Honors General Chemistry II (Lecture)

A continuation of CHEM 121 General Chemistry for students of superior ability. The sequence of CHEM 121, CHEM 122, CHEM 125 and CHEM 126 can constitute the customary year of general chemistry.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: CHEM 121 and CHEM 122; and MATH 105 or MATH 107 or MATH 112 or MATH 119 or MATH 120 or Level 5 math placement; and consent of Honors Committee

Corequisites: CHEM 126

Last Updated: Links 03/2011

CHEM 126 - Honors General Chemistry II (lab)

The laboratory to accompany CHEM 125. The techniques learned in CHEM 122 are reemphasized and supplemented. Preparation of a laboratory notebook is required. The sequence of CHEM 121, CHEM 122, CHEM 125 and CHEM 126 can constitute the customary year of general chemistry.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: three hours per week.

Corequisites: CHEM 125

Last Updated: Links 03/2011

CHEM 177 - Special Topics

Covers specific chemistry topics not discussed in any regular, introductory chemistry course.

Credit Hours: 1 hr

Prerequisite: department permission

CHEM 178 - Special Topics

Covers specific chemistry topics not discussed in any regular, introductory chemistry course

Credit Hours: 2 hrs

Prerequisite: department permission

CHEM 179 - Special Topics

Covers specific chemistry topics not discussed in any regular, introductory chemistry course.

Credit Hours: 3 hrs

Prerequisite: department permission

CHEM 270 - Survey of Organic Chemistry

A comprehensive one-semester survey course in organic chemistry. Includes aliphatic and aromatic compounds plus functional group chemistry. Chemistry majors and other students requiring a full-year sequence of organic chemistry should enroll in CHEM 371 and CHEM 372.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: four hours per week.

Prerequisite: CHEM 121 and CHEM 122

Last Updated: Links 03/2011

CHEM 271 - Organic Chemistry Laboratory

Instruction in the basic manipulative techniques of experimental organic chemistry and experience with organic chemicals.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: three hours per week.

Concurrent Prerequisite: CHEM 270

Last Updated: 3/1/2011

CHEM 277 - Special Topics

Covers specific chemistry topics not discussed in any regular chemistry course at this level.

Credit Hours: 1 hr

Prerequisite: one 100-level chemistry course and department permission

CHEM 278 - Special Topics

Covers specific chemistry topics not discussed in any regular chemistry course at this level.

Credit Hours: 2 hr

Prerequisite: one 100-level chemistry course and department permission

CHEM 279 - Special Topics

Covers specific chemistry topics not discussed in any regular chemistry course at this level.

Credit Hours: 3 hr

Prerequisite: one 100-level chemistry course and department permission

CHEM 281 - Introduction to Analytical Chemistry

An introduction to theory, methods, and techniques relevant to chemical analysis, including sample collection, handling, and preparation, analytical methods and instruments, data collection, and the statistical treatment and evaluation of data.

Credit Hours: 4 hrs

Lecture/Lab Hours: Laboratory: six hours per week. Lecture: two hours per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126)

Last Updated: Title and Description Change 12/2011, effective Winter 2012; Links 03/2011

CHEM 282 - Honors Introduction to Analytical Chemistry

An introduction and evaluation of theory, methods, and techniques relevant to chemical analysis. Topics include sample collection, handling, and preparation, analytical methods and instruments, data collection, and critical assessment and the statistical treatment of data.

Credit Hours: 4 hrs

Lecture/Lab Hours: Laboratory: six hours per week. Lecture: two hours per week..

Prerequisite: Consent of honors coordinator and either (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126)

Last Updated: Title and Description Change 12/2011, effective Winter 2012; Links 03/2011

CHEM 287 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 1 hr

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); admission by application only

Class Restrictions: Sophomore standing

Notes: Graded on a credit/no-credit basis. No credit granted toward chemistry degree programs, except with departmental permission

Last Updated: Links 03/2011

CHEM 288 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 2 hrs

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); admission by application only

Class Restrictions: Sophomore standing

Notes: Graded on a credit/no-credit basis. No credit granted toward chemistry degree programs, except with departmental permission.

Last Updated: Links 03/2011

CHEM 289 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 3 hrs

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); admission by application only

Class Restrictions: Sophomore standing

Notes: Graded on a credit/no-credit basis. No credit granted toward chemistry degree programs, except with departmental permission.

Last Updated: Links 03/2011

CHEM 297 - Undergraduate Research in Chemistry

An independent, original endeavor involving laboratory and/or library study under the guidance of a chemistry faculty member. A formal written report is required at the end of the semester.

Credit Hours: 1 hr

Prerequisite: department permission

CHEM 312 - Teaching Elementary Chemistry

This course is designed for prospective elementary teachers. Students will develop a meaningful and functional understanding of key chemistry concepts and their interrelations through a variety of hands-on experiences. Practical methods for conducting demonstrations, using models, planning laboratory experiences, managing standard scientific equipment, and establishing safe laboratory environments will be developed and discussed.

Credit Hours: 3 hrs

Prerequisite: CHEM 101

Class Restrictions: Sophomore standing or above

Last Updated: Removal of Major Restriction 11/2011, effective Winter 2012; 07/2009, effective Fall 2009

CHEM 315 - Green Chemistry and the Environment for Elementary Teachers

This course will provide prospective elementary teachers with an overview of the principles of green chemistry and sustainability. Students will apply fundamental chemistry concepts to such issues as renewable energy, climate change, water resource management, and environmental pollution. An emphasis will be placed on how "green" concepts can be incorporated into an elementary classroom.

Credit Hours: 3 hrs

Prerequisite: CHEM 101

Class Restrictions: Sophomore standing or above

Major Restrictions: Elementary Integrated Science programs only

Last Updated: Links 03/2011

CHEM 325 - Methodology for Secondary Chemistry Teachers

A comprehensive methods course for teaching chemistry in secondary schools. Students use modern technology to design and deliver instructional material and demonstrations for classrooms laboratories. CHEM325 will examine inquiry, computer-based instruction, computer data acquisition and other methodology.

Credit Hours: 3 hrs

Lecture/Lab Hours: Two hours of lecture and three hours of lab per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); CHEM 281 or CHEM 282; (CHEM 270 and CHEM 271) or (CHEM 372 and CHEM 373) or (CHEM 372 and CHEM 376)

Last Updated: Links 03/2011

CHEM 332 - Inorganic Chemistry

This course will discuss the fundamental themes of bonding, structure and reactivity, primarily in the context of inorganic chemistry. In addition, the course will give students an introduction to some of the newer and more exciting areas of interest to inorganic chemists, such as catalytic cycles and bioinorganic chemistry.

Credit Hours: 2 hrs

Prerequisite: CHEM 123 or CHEM 125

Last Updated: Links 03/2011

CHEM 340 - Introduction to Industrial Chemistry

Discussion of the important aspects of the manufacture and chemistry of the major organic and inorganic chemicals and their use through commercially available products such as polymers. Includes environmental and economic aspects of industry.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); CHEM 270 or (CHEM 371 and CHEM 372); and (PHY 221 or PHY 223)

Last Updated: Links 03/2011

CHEM 341 - Fundamentals of Material Science

A general overview of the fundamental principles of materials science. Addresses the relationship of atomic/molecular structure to physical properties for metals, ceramics, glasses, polymers, semiconductors, and composite materials.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); CHEM 270 or CHEM 372

Last Updated: Links 03/2011

CHEM 351 - Foundations of Biochemistry

Deals with biological structures and the interactions that confer activity upon biological molecules. Metabolism and synthesis of biological molecules, and the controls that integrate the various process at the molecular and cellular level are presented. Bioenergetics, including equilibria, catalysis, and the production/utilization of biological forms of energy, are discussed.

Credit Hours: 4 hrs

Prerequisite: CHEM 270 or CHEM 372

Major Restrictions: Not open to Freshmen or Graduate students

Last Updated: Links 03/2011

CHEM 361 - Fundamentals of Physical Chemistry

Calculus-based introduction to quantum mechanics, thermodynamics and kinetics. Serves as survey course for general curricula and major.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: MATH 120, CHEM 281 or CHEM 282

Concurrent Prerequisite: PHY 222 or PHY 224

Last Updated: Links 03/2011

CHEM 371 - Organic Chemistry I

The first semester of a two-semester sequence covering the general principles of organic chemistry for students specializing in science and those preparing for dentistry or medicine.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126)

Notes: Credit cannot be earned in both CHEM 270 and CHEM 371

Last Updated: Links 03/2011

CHEM 372 - Organic Chemistry II

A continuation of CHEM 371. CHEM 371 and CHEM 372 constitute the customary year of foundation/lecture work in organic chemistry.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: C- or better in CHEM 371

Last Updated: Links 03/2011

CHEM 373 - Organic Chemistry Laboratory

Covers the basic techniques involved in organic chemistry.

Credit Hours: 2 hrs

Lecture/Lab Hours: Laboratory: six hours per week.

Concurrent Prerequisite: CHEM 372

Last Updated: 3/1/2011

CHEM 376 - Honors Organic Chemistry Laboratory

Covers the basic techniques involved in organic chemistry for students of superior ability. The sequence of CHEM 371, CHEM 372 and CHEM 376 can constitute the customary year of organic chemistry

Credit Hours: 2 hrs

Lecture/Lab Hours: Laboratory: six hours per week.

Concurrent Prerequisite: CHEM 372

Last Updated: 3/1/2011

CHEM 377 - Special Topics

Covers specific chemical topics not discussed in any regular chemistry course at this level.

Credit Hours: 1 hr

Prerequisite: department permission

CHEM 378 - Special Topics

Covers specific chemical topics not discussed in any regular chemistry course at this level.

Credit Hours: 2 hrs

Prerequisite: department permission

CHEM 379 - Special Topics

Covers specific chemical topics not discussed in any regular chemistry course at this level.

Credit Hours: 3 hrs

Prerequisite: department permission

CHEM 381W - Instrumentation for Chemical Technology (Gen Ed Area I, W)

A lecture and laboratory course that surveys various types of analytical instrumentation and their uses in chemical industry.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lecture: one hour per week. Laboratory: three hours per week.

Prerequisite: (CHEM 281 or CHEM 282) and (CHEM 270 or CHEM 372) and (CHEM 271 or CHEM 373 or CHEM 376)

Last Updated: Links 03/2011

CHEM 387 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 1 hrs

Class Restrictions: Junior standing

Notes: Graded on a credit/no-credit basis for junior-level students. No credit granted toward chemistry degree programs, except with department permission

CHEM 388 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 2 hrs

Class Restrictions: Junior standing

Notes: Graded on a credit/no-credit basis. For junior-level students. No credit granted toward chemistry degree programs, except with department permission

CHEM 389 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement

Credit Hours: 3 hrs

Class Restrictions: Junior standing

Notes: Graded on a credit/no-credit basis. For junior-level students. No credit granted toward chemistry degree programs, except with department permission

CHEM 397 - Undergraduate Research in Chemistry

An independent, original endeavor involving laboratory and/or library study, under the guidance of a chemistry faculty member. A formal written report is required at the end of the semester.

Credit Hours: 1 hr

Prerequisite: department permission

CHEM 406 - The Nature of Science

This course examines the nature of scientific evidence, inquiry, hypothesis, models and laws. The development of science is put in the context of the structure and history of the scientific community. Interactions among scientists and between scientists and the rest of society are studied from an ethical perspective.

Credit Hours: 1 hr

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126)

Major Restrictions: Department permission for Non-Chemistry Majors

Cross-Listed with: BIO 406 and ESSC 406

Last Updated: Cross-Listed 09/2011; Links 03/2011

CHEM 407 - Nature of Science for Elementary Teachers

This course examines the nature of scientific evidence, inquiry, hypotheses, models and laws. The development of science is put in the context of the structure of the discipline, its history, and interactions with society. Discussions of modern theories and laws will integrate scientific concepts with the processes of how science works. The class will also provide students with activities to demonstrate these concepts.

Credit Hours: 2 hrs

Prerequisite: ASTR 105, PHY 100, CHEM 101, ESSC 202, BIO 105, PHY 311, CHEM 312 and ESSC 311

Class Restrictions: Junior standing

Major Restrictions: Elementary Integrated Science Majors only

Cross-Listed with: BIOT 407, ESSC 407, PSCI 407

Last Updated: Links 03/2011

CHEM 411 - Toxicology I

An introduction to the principles and methods of toxicology. Special cases of toxic response including carcinogenesis, teratogenesis and mutagenesis, and the effects of radiation are discussed.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lecture: two hours per week.

Prerequisite: CHEM 270 or CHEM 372

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CHEM 412 - Toxicology II

Discussion of the metabolism of toxicants and their effect on specific organ systems; specific classes of toxicants and legal aspects of toxicology.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: CHEM 411; biochemistry recommended

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 02/2005 effective Winter 2006

CHEM 413 - Toxicology Laboratory

A lecture and laboratory covering the techniques employed in a toxicology laboratory including methods of calculation, interpretation and presentation of experimental data. The theory and practical aspects of toxicological procedures will be discussed.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lecture: one hour per week. Laboratory: three hours per week.

Prerequisite: CHEM 411; CHEM 281 recommended

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CHEM 415 - Environmental Chemistry

A survey of environmental and energy-related problems and the ways in which chemistry may be applied to them. Important topics include air and water pollution, energy and other resources, solid wastes and recycling, and toxic chemicals.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); CHEM 270 or CHEM 372 and CHEM 281 recommended

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CHEM 432 - Advanced Inorganic Chemistry

An advanced-level treatment of the newer inorganic chemical developments, with emphasis on theoretical advances in the interpretation of bonding and reactivity of inorganic compounds.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: CHEM 465 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 02/2010

CHEM 433 - Inorganic-Organic Synthesis Laboratory

Covers advanced preparative and analytical techniques of inorganic and organic chemistry including extensive use of IR, NMR, UV-visible and other instruments.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lab: 6 hours per week

Prerequisite: CHEM 281 or CHEM 282; and CHEM 373 or CHEM 376

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 02/2010

CHEM 451 - Biochemistry I

Chemistry of biologically significant compounds such as proteins, nucleic acids, carbohydrates and lipids. Enzymes are introduced, bioenergetics is discussed and the most central topics of metabolism are outlined. This course is intended as a one-semester survey of biochemistry for health science students and as the first semester of a two-semester sequence for chemistry, biology and toxicology students.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); and (CHEM 270 or CHEM 372); and (CHEM 281 or CHEM 282) recommended

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CHEM 452 - Biochemistry II

Continues the survey of biochemistry begun in CHEM 451. Membranes and transport, enzyme kinetics, further topics in metabolism, replication, transcription, translation and regulation of cell processes are discussed

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: CHEM 451; (C- or better in CHEM 451 is recommended)

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CHEM 453W - Biochemistry Laboratory (Gen Ed Area I, W)

Theory and application of preparative and analytical techniques in the investigation of the biochemical and biophysical properties of proteins and nucleic acids. Emphasis is placed on communication of experimental results in the form of scientific manuscripts.

Credit Hours: 2 hrs

Lecture/Lab Hours: Laboratory: six hours per week.

Prerequisite: (CHEM 451 or CHEM 351); CHEM 271 or CHEM 373 or CHEM 376; and (CHEM 281 or CHEM 282)

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CHEM 461 - Chemical Thermodynamics and Kinetics

The study of the principles of thermodynamics, the equilibrium properties of systems and the rates of chemical reactions.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: PHY 224 and (CHEM 281 or CHEM 282)

Concurrent Prerequisite: MATH 223

Last Updated: Links 04/2011

CHEM 463W - Physical Chemistry Laboratory (Gen Ed Area I, W)

Determination of the physical properties of substances, rate studies and measurement of the thermochemical properties. Emphasis on scientific report writing and oral presentation of work.

Credit Hours: 2 hrs

Lecture/Lab Hours: Laboratory: six hours per week.

Prerequisite: MATH 121 and either (C- or better in CHEM 361) or CHEM 461

Last Updated: Links 04/2011

CHEM 465 - Quantum and Statistical Mechanics

The study of quantum mechanics and its application to atomic structure, molecular bonding and spectroscopy. An introduction to statistical mechanics and modern theories of the rate constant.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week

Prerequisite: CHEM 461, CHEM 281 or CHEM 282, MATH 223, PHY 224

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHEM 475 - Introduction to Polymer Chemistry

An emphasis on the organic chemistry involved in the preparation of synthetic high polymers. Topics include: chain-growth vinyl polymers, step-growth polymerization, copolymerization, cationic and anionic polymerization, and complex coordination catalysts.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

Prerequisite: CHEM 270 or CHEM 372

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHEM 477 - Special Topics

Covers specific chemistry topics not discussed in any regular chemistry courses at this level.

Credit Hours: 1 hr

Prerequisite: department permission

CHEM 478 - Special Topics

Covers specific chemistry topics not discussed in any regular chemistry courses at this level.

Credit Hours: 2 hrs

Prerequisite: department permission

CHEM 479 - Special Topics

Covers specific chemistry topics not discussed in any regular chemistry courses at this level.

Credit Hours: 3 hrs

Prerequisite: department permission

CHEM 481 - Instrumental Analysis

Theory and practice of chemical analysis and measurements and data processing by instrumental methods.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: six hours per week.

Prerequisite: CHEM 281 or CHEM 282; and CHEM 463W

Concurrent Prerequisite: CHEM 465

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHEM 485 - Introduction to Radiotracer Techniques

Measurement of radiation and principles of radiation safety; experiments with emphasis on beta and gamma-ray counting and handling radioactivity.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lecture: one hour per week. Laboratory: three hours per week.

Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126); and either CHEM 281, one science laboratory course above the 200-level or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHEM 487 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 1 hr

Class Restrictions: Senior standing

Notes: Graded on a credit/no-credit basis.

CHEM 488 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 2 hrs

Class Restrictions: Senior standing

Notes: Graded on a credit/no-credit basis.

CHEM 489 - Cooperative Education in Chemistry

Full- or part-time employment at an industrial, federal or state agency chemistry laboratory providing an applied experience in chemistry. Amount of credit granted determined by the nature of job responsibilities and/or duration of placement.

Credit Hours: 3 hrs

Class Restrictions: Senior standing

Notes: Graded on a credit/no-credit basis.

CHEM 497 - Undergraduate Research in Chemistry

Independent, original endeavors involving extensive library and/or laboratory study, under the guidance of a chemistry faculty member. A formal written report is required at the end of the semester.

Credit Hours: 1 hr

Prerequisite: department permission

CHEM 498 - Undergraduate Research in Chemistry

Independent, original endeavors involving extensive library and/or laboratory study, under the guidance of a chemistry faculty member. A formal written report is required at the end of the semester.

Credit Hours: 2 hrs

Prerequisite: department permission

CHEM 499 - Undergraduate Research in Chemistry

Independent, original endeavors involving extensive library and/or laboratory study, under the guidance of a chemistry faculty member. A formal written report is required at the end of the semester.

Credit Hours: 3 hrs

Prerequisite: department permission

CHEM 551 - Macromolecular Biochemistry

This course considers the fundamental themes of nucleic acid biochemistry including DNA structure, folding, replication and repair mechanisms transcription; translation; gene regulation and techniques in recombinant DNA technology. Emphasis is placed on chemical mechanisms of these processes and targets for drug development. Text and literature articles are utilized.

Credit Hours: 2 hrs

Prerequisite: CHEM 451 or instructor permission

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 554 - Protein Structure and Function

The description of chemical and molecular biological approaches to investigating protein structure, and methods to analyze protein function. Rapid and steady-rate kinetics, recombinant DNA technology and expression systems, metabolic and protein assay development and relevant computer applications will be highlighted.

Credit Hours: 2 hrs

Prerequisite: CHEM 451 or equivalent or instructor permission

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 555 - Neurochemistry

Discussion of the biochemistry of the nervous system covering the synthesis, distribution, mechanism of function and degradation of compounds involved in neural function (including neurotransmitters, neurohormones, brain sphingolipids, steroids and prostaglandins). Mental diseases with a known biochemical basis and the rationale for drug therapy are described.

Credit Hours: 3 hrs

Prerequisite: CHEM 452 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 561 - Quantum Chemistry and Spectroscopy

A study of atomic and molecular structure and spectroscopy based on quantum chemistry.

Credit Hours: 2 hrs

Prerequisite: CHEM 465 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 562 - Statistical Mechanics and Chemical Kinetics

Introduction to the principles of statistical mechanics, the connection between the microscopic world and classical thermodynamics, and modern theories of chemical reaction rates.

Credit Hours: 2 hrs

Prerequisite: CHEM 465 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 565 - Nuclear Chemistry

The course will cover topics such as radioactive decay, decay systematics, nuclear models and nuclear reactions. Applications of radioactivity to chemical problems will be discussed. Techniques of nuclear chemistry, nuclear processes as chemical probes and other such topics will be covered. A discussion of the preparation and properties of transplutonium elements will be included.

Credit Hours: 3 hrs

Prerequisite: one year of college chemistry; one course in physical chemistry or modern physics

Notes: This is a graduate course in an undergraduate program.

CHEM 571 - Advanced Organic Chemistry

A lecture course devoted to developing a deeper understanding of the structure of organic compounds and the mechanism of organic reactions. The structural aspects of bonding, stereochemistry and conformation will be extended beyond the introductory level prior to considering mechanistic studies on several fundamental reaction types.

Credit Hours: 3 hrs

Prerequisite: one year of organic chemistry

Notes: This is a graduate course in an undergraduate program.

CHEM 572 - Spectrometric Organic Structure Determination

The use of infrared, Raman, ultraviolet, mass and nuclear magnetic resonance spectroscopy in organic structure determination will be discussed. Emphasizes problem-solving and practical applications.

Credit Hours: 4 hrs

Prerequisite: CHEM 372 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 574 - Advanced Organic Chemistry Topics

Two or three advanced topics are treated in depth. The topics selected will vary from offering to offering and could include such examples as: stereochemistry and conformational analysis, natural product chemistry, heterocyclic compounds, orbital symmetry rule and applications, and photochemistry.

Credit Hours: 2 hrs

Prerequisite: CHEM 372 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

CHEM 581 - Advanced Analytical Chemistry

Practical applications of modern chemical analysis using instrumental methods, which may include optical, x-ray and nuclear spectroscopy, mass spectrometry and separations.

Credit Hours: 3 hrs

Prerequisite: CHEM 481, CHEM 463W, and either CHEM 361 or CHEM 461

Notes: This is a graduate course in an undergraduate program.

Last Updated: 02/2010

Communication, Media and Theatre Arts Programs and Courses

Communication, Media and Theatre Arts

Major

Arts Management Major

The arts management curriculum provides career training and practical experience for those with a passion for the arts and whose talents are in the field of administration, marketing and/or entrepreneurship. The arts manager not only must develop a variety of management skills but also must maintain a high degree of sensitivity to aesthetics.

Students are provided a broad background in all of the arts with an opportunity to study a specific art in more depth. Additionally, each student gains vital practical experience working in the arts during internships on the University campus and in an approved off-campus professional arts organization.

Training in the arts is combined with the development of skills in accounting, advertising, personnel management, labor relations and various other areas of business through a program of study that includes management, marketing and entrepreneurship. Graduates are equipped to enter the arts management field or to pursue further study in arts administration.

Because the arts management field is rapidly evolving, it is advantageous for students to maintain regular contact with an adviser during their entire program to avoid unnecessary difficulties before and after completion of the program. Arts institutions vary in their personnel needs.

EMU's arts management curriculum is divided into four sections: general education requirements, arts management major, a management or marketing minor (see College of Business) and two internships.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 39 hours

Required Courses: 27 hours

Art Fundamentals: 18 hours

- ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs

- CTAR 155 - Producing Theatre 3 hrs
- DANC 102 - Modern Dance Fundamentals (Gen Ed Area IV) 3 hrs
- MUSC 107 - Music Appreciation (Gen Ed Area IV) 3 hrs
- CTAR 150L - Introduction to Theatre (Gen Ed Area IV) 3 hrs

Media and Arts Management: 9 hours

- CTAR 452 - Arts Management 3 hrs
- CTAT 334 - Radio-Television News 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs

Restrictive Elective Courses: 10 hours

One course from each of the following areas:

- academic dance
- art
- music
- theatre

Strongly Recommended Elective Courses:

- A course in technical theatre
- CTAR 426 - Fund Raising in the Arts 2 hrs
- CTAR 427 - Grant Writing for the Arts 2 hrs
- CTAR 453W - Marketing the Arts (Gen Ed Area I, W) 3 hrs
- CTAR 454 - Law, Public Policy and the Arts 3 hrs

Internships: 2 hours

Two are required for this major: a one-semester, on-campus internship and a one-semester practicum with an approved off-campus arts institution. Application procedures and minimum requirements for credit should be obtained from the advising coordinator not later than the first semester of the junior year.

An on-campus internship is approved part-time work as a member of the management staff of such EMU arts institutions as the Ford Gallery or EMU Dancers.

Practica are available to the junior/senior-level student who has a minimum GPA of 2.5 in the arts management curriculum.

Minor Requirements:

Select from either management, marketing or entrepreneurship in consultation with the arts management advising coordinator.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Communication and Theatre Arts Major with Concentrations

The comprehensive major allows each student to develop a variety of communication skills with one or two areas of concentration (12 to 18 credit hours each). Within the 36 credit hours, at least nine must be in 300- and 400-level courses. Majors should plan their course selections carefully with a departmental adviser and present a copy of this plan to Academic Records and Certification when requesting senior checkout.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 33-45 hours

Required Courses: 6 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- CTAO 205 - Voice and Articulation 3 hrs

Restricted Elective Courses: 15 hours

At least three credits from each of the five following concentrations

I. Communication

- CTAC 224 - Public Speaking 3 hrs
- * CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- * CTAC 274 - Intercultural Communication (Gen Ed Area III) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 354 - Organizational Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs

II. Interpretation/Performance Studies

- * CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs

III. Electronic Media and Film Studies

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 131 - Introduction to Audio Production and Direction 2 hrs
- CTAT 132 - Introduction to Video Production and Direction 2 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- * CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs

IV. Theatre Arts

- * CTAR 150L - Introduction to Theatre (Gen Ed Area IV) 3 hrs
- * CTAR 151 - African American Theatre: An Introduction (Gen Ed Area III) 3 hrs
- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs
- CTAR 155 - Producing Theatre 3 hrs
- * CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs

V. Educational Drama

- * CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV) 3 hrs
- CTAR 322 - Theatre for Children 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs
- CTAR 327 - Plays for the Young 3 hrs

Concentration: 9-15 hours

*At least one concentration (above) selected in consultation with advising coordinator (hours here are in addition to the restricted elective courses above). *Course satisfies both General Education and Program Requirements. Each student must choose a writing intensive course as part of major completion requirements. Writing intensive course must correspond to concentration area. Consult your adviser for course options.*

Elective Courses: 3-9 hours

Three to nine hours selected from areas outside the concentration

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Communication Major

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 36 hours

Foundation Courses: 15 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs

Cultural Communication: 3 hours

One course from the following:

- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- CTAC 274 - Intercultural Communication (Gen Ed Area III) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (Gen Ed Area III) 3 hrs

Public Communication: 3 hours

One course from the following:

- CTAC 224 - Public Speaking 3 hrs
- CTAC 340 - Communication Ethics 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs

Relational Communication: 3 hours

One course from the following:

- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 226 - Nonverbal Communication (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs

Organizational Communication: 3 hours

One course from the following:

- CTAC 354 - Organizational Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs

Advanced Theory and Research: 6 hours

Two courses from the following:

- CTAC 440W - Public Discourse Analysis (Gen Ed Area I, W) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (Gen Ed Area I, W) 3 hrs
- CTAC 485W - Communication Theory (Gen Ed Area I, W) 3 hrs

Capstone Experience: 3 hours

This course is restricted to Communication Majors only.

- CTAC 495L - Communication Capstone (Gen Ed Area V LBC) 3 hrs

Restricted Elective Courses: 12 hours

Twelve hours from the list of restricted elective courses below that were not selected as a required course above:

- CTAC 224 - Public Speaking 3 hrs
- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 226 - Nonverbal Communication (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- CTAC 274 - Intercultural Communication (Gen Ed Area III) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (Gen Ed Area III) 3 hrs
- CTAC 310 - Health Communication (NEW COURSE) 3 hrs
- CTAC 340 - Communication Ethics 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 352 - Communication in Negotiation 3 hrs
- CTAC 354 - Organizational Communication 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs
- CTAC 372 - Assertive Communication 3 hrs
- CTAC 373 - Family Communication 3 hrs
- CTAC 376 - Communication and Conflict Resolution 3 hrs
- CTAC 379 - Special Topics 3 hrs
- CTAC 440W - Public Discourse Analysis (Gen Ed Area I, W) 3 hrs

- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (Gen Ed Area I, W) 3 hrs
- CTAC 485W - Communication Theory (Gen Ed Area I, W) 3 hrs

No more than six credit hours from the following courses:

- CTAA 166 - Forensics 1 hr
- CTAA 266 - Forensics 1 hr
- CTAA 366 - Forensics 1 hr
- CTAA 466 - Forensics 1 hr
- CTAC 387 - Cooperative Education in Communication 1 hr
- CTAC 388 - Cooperative Education in Communication 2 hrs
- CTAC 389 - Cooperative Education in Communication 3 hrs
- CTAC 407 - Directing the Secondary Communication and Theatre Co-Curriculum 3 hrs
- CTAC 487 - Internship in Communication 1 hr
- CTAC 488 - Internship in Communication 2 hrs
- CTAC 489 - Internship in Communication 3 hrs
- CTAC 497 - Independent Study 1 hr
- CTAC 498 - Independent Study 2 hrs
- CTAC 499 - Independent Study 3 hrs

Alternate department courses. No more than three credit hours substituted for a restricted elective:

- CTAO 205 - Voice and Articulation 3 hrs
- CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs
- CTAT 241 - Announcing Techniques for Electronic Media 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Electronic Media and Film Studies Major

This major was modified on November 1, 2016, to correct an error. CTAT 235 is now listed as an option under Restricted Elective Courses - Theory Courses.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30-34 hours

Students must earn a "C" or better in each of the required courses for this major.

Required Courses: 11 hours

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 131 - Introduction to Audio Production and Direction 2 hrs
- CTAT 132 - Introduction to Video Production and Direction 2 hrs

One course from the following:

- CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs
- CTAT 236 - History and Criticism of Radio and Television 3 hrs

One course from the following:

- CTAA 165 - Television Laboratory 1 hr
- CTAA 169 - Radio Station WQBR 1 hr

Restricted Elective Courses: 16-18 hours

Production Courses: 6 hours

Six hours from the following, at least three hours must be at the 300- or 400-level:

- CTAT 231 - Audio Recording Techniques 3 hrs
- CTAT 232 - Lighting for TV and Film (NEW COURSE) 3 hrs
- CTAT 233 - Digital Video Editing (NEW COURSE) 3 hrs
- CTAT 241 - Announcing Techniques for Electronic Media 3 hrs
- CTAT 331 - Intermediate Radio Production and direction 3 hrs
- CTAT 332 - Intermediate Television Production and Direction 3 hrs
- CTAT 333 - Fundamentals of Electronic Moviemaking 3 hrs
- CTAT 341 - Radio-Television-Film Dramatic Performance 3 hrs
- CTAT 431 - Advanced Radio Production and Direction 3 hrs
- CTAT 432 - Advanced Television Production and Direction 3 hrs

- CTAT 433 - Advanced Electronic Moviemaking 3 hrs
- CTAT 434 - Documentary Film Production (NEW COURSE) 3 hrs

Writing Courses: 3 hours

Three hours from the following:

- CTAT 334 - Radio-Television News 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- CTAT 444 - Dramatic Scriptwriting for Visual Media 3 hrs

Theory Courses: 6 hours

Six hours from the following, three hours must be at the 400-level:

- CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs
- CTAT 235 - International Cinema (Gen Ed Area III) 3 hrs
- CTAT 236 - History and Criticism of Radio and Television 3 hrs
- CTAT 245 - A Survey of American Cinema 3 hrs
- CTAT 335 - Studies in Film 3 hrs
- CTAT 336 - Studies in Electronic Media 3 hrs
- CTAT 345 - American Film Genres 3 hrs
- CTAT 445 - Film Theory and Criticism 3 hrs
- CTAT 446 - Contemporary Problems in Electronic Media 3 hrs
- CTAT 447 - Radio-Television Station Management 3 hrs
- CTAT 479 - Special Topics 3 hrs

Internship or Cooperative Education: 1-3 hours

- CTAT 387 - Cooperative Education in Radio-TV-Film 1 hr
- CTAT 388 - Cooperative Education in Radio-TV-Film 2 hrs
- CTAT 389 - Cooperative Education in Radio-TV-Film 3 hrs
- CTAT 487 - Internship in Radio-TV-Film 1 hr
- CTAT 488 - Internship in Radio-TV-Film 2 hrs
- CTAT 489 - Internship in Radio-TV-Film 3 hrs

Elective Courses: 3-5 hours

Three hours from Electronic Media and Film Studies and the remaining hours from Communication, Media and Theatre Arts courses, excluding CTAC 124 - Foundations of Speech Communication.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Electronic Media and Film Studies Major with a Concentration in Film Studies

This major was modified on November 1, 2016, to correct an error. CTAT 235 is now listed as an option under Restricted Elective Courses - Theory Courses.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Students must earn a "C" or better in all required courses for this major.

Required Courses: 13 hours

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 131 - Introduction to Audio Production and Direction 2 hrs
- CTAT 132 - Introduction to Video Production and Direction 2 hrs
- CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs
- CTAT 445 - Film Theory and Criticism 3 hrs

Restricted Elective Courses: 12 hours

Production Courses: 3 hours

- CTAT 333 - Fundamentals of Electronic Moviemaking 3 hrs

Writing Courses: 3 hours

- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- CTAT 444 - Dramatic Scriptwriting for Visual Media 3 hrs

Theory Courses: 6 hours

Six hours from the following:

- CTAT 235 - International Cinema (Gen Ed Area III) 3 hrs
- CTAT 245 - A Survey of American Cinema 3 hrs
- CTAT 335 - Studies in Film 3 hrs
- CTAT 345 - American Film Genres 3 hrs

Internship or Cooperative Education: 1-3 hours

- CTAT 387 - Cooperative Education in Radio-TV-Film 1 hr
- CTAT 388 - Cooperative Education in Radio-TV-Film 2 hrs
- CTAT 389 - Cooperative Education in Radio-TV-Film 3 hrs
- CTAT 487 - Internship in Radio-TV-Film 1 hr
- CTAT 488 - Internship in Radio-TV-Film 2 hrs
- CTAT 489 - Internship in Radio-TV-Film 3 hrs
- CTAT 497 - Independent Study 1 hr
- CTAT 498 - Independent Study 2 hrs
- CTAT 499 - Independent Study 3 hrs

Elective Courses: 4-2 hours

Elective courses may be taken in electronic media and film studies or courses in other departments, selected in consultation with an adviser.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Relations Major (Interdisciplinary - Communication)

Admission to the program will require a 2.8 GPA, which must be maintained in the major as well as in the minor selected. Admission is granted by the Department of English Language and Literature. Courses from both the Department of English Language and Literature and the Department of Communication, Media and Theatre Arts are offered as requirements and restricted elective courses.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 45 hours

Required Fundamental Courses: 18 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs

One course from the following:

- CTAC 224 - Public Speaking 3 hrs
- CTAC 350 - Persuasion 3 hrs

Required Advanced Courses: 18 hours

- CTAC 475W - Research in Speech Communication (Gen Ed Area I, W) 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 408W - Case Studies in Public Relations (Gen Ed Area I, W) 3 hrs

One course from the following:

- JRNL 487 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 490 - Internship in Journalism/Public Relations 3 hrs

One course from the following:

- CTAT 334 - Radio-Television News 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs

One course from the following:

- CTAC 354 - Organizational Communication 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs

Restricted Elective Courses: 9 hours

- ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV) 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CMT 336 - Electronic Publishing Technology 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAT 241 - Announcing Techniques for Electronic Media 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 311 - Newspaper Layout and Design 3 hrs
- JRNL 423 - Magazine Article Writing 3 hrs
- JRNL 455 - Journalism Law and Ethics 3 hrs

- CTAT 334 - Radio-Television News 3 hrs
- **or**
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs

- CTAC 224 - Public Speaking 3 hrs
- **or**
- CTAC 350 - Persuasion 3 hrs

Maximum of six-hours from the following:

- CTAC 387 - Cooperative Education in Communication 1 hr
- CTAC 388 - Cooperative Education in Communication 2 hrs
- CTAC 389 - Cooperative Education in Communication 3 hrs
- CTAC 487 - Internship in Communication 1 hr
- CTAC 488 - Internship in Communication 2 hrs
- CTAC 489 - Internship in Communication 3 hrs
- JRNL 387 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 487 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 488 - Internship in Journalism/Public Relations 1 hr
- JRNL 489 - Internship in Journalism/Public Relations 2 hrs
- JRNL 490 - Internship in Journalism/Public Relations 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Communication and Theatre Arts Teaching Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in speech, certification code BD, and, depending on the minor selected, an additional endorsement. The Michigan Test for Teacher Certification (MTTC) covering this field is #004, "Speech." At least nine credit hours must be taken at the 300-400 level.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey
Department Contact: kstacey@emich.edu
Website: <http://www.emich.edu/cta/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab.** Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 39 hours

- CTAC 224 - Public Speaking 3 hrs
- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAC 407 - Directing the Secondary Communication and Theatre Co-Curriculum 3 hrs

- CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs
- CTAR 150L - Introduction to Theatre (Gen Ed Area IV) 3 hrs
- CTAR 155 - Producing Theatre 3 hrs
- CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs
- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Communication, Media and Theatre Arts Teaching Majors take:

- CTAC 307 - The Teaching of Speech 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors. Language, Literature and Writing Minor strongly recommended.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Students will declare a teaching major or minor in conjunction with their CTA program - there is no restriction on General Education course selections - students complete standard College of Education Initial Teacher Preparation Program.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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University Information: Consult the online catalog at catalog.emich.edu.

Theatre Arts Major

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 48-51 hours

Core Courses: Foundation: 15 hours

- CTAR 140 - Script Analysis for Theatre Artists 3 hrs
- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs
- CTAR 155 - Producing Theatre 3 hrs
- CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs

Applied Study: 4 hours

Majors are required to take four hours of applied theatre participation. Classes may be taken out of sequence. Students may not register for more than two Theatre Practice credits in a single semester.

- CTAA 167 - Theatre Practice 1 hr
- CTAA 267 - Theatre Practice 1 hr
- CTAA 367 - Theatre Practice 1 hr
- CTAA 467 - Theatre Practice 1 hr

Restricted Electives: Applied Technique: 11 hours

- CTAR 355 - Play Direction 3 hrs
- CTAR 396 - Career Seminar 2 hrs

Two of the following courses:

- CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs
- CTAR 252 - Stagecraft: Scenery & Props 3 hrs
- CTAR 253 - Stagecraft: Lighting & Sound 3 hrs
- CTAR 256 - Costume Construction and Crafts 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs
- CTAR 358 - Characterization 3 hrs

History & Theory: 9 hours

- CTAR 450 - History of the Theatre to 1642 3 hrs
- CTAR 451 - History of the Theatre 1642 to the Present 3 hrs
- CTAR 455W - Dramaturgy (Gen Ed Area I, W) 3 hrs

Electives: Advanced Specialization: 9-12 hours

In consultation with an adviser, students will select an additional nine to twelve hours of 200-, 300- or 400-level coursework from CTAR or CTAO areas. This will permit students to concentrate studies in any one or combination of the following areas:

- Acting
- Technical Theatre
- Directing
- Theatre for the Young
- Interpretation & Performance Studies

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for

college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Arts Management Minor

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 20-21 hours

- CTAR 452 - Arts Management 3 hrs
- CTAR 453W - Marketing the Arts (Gen Ed Area I, W) 3 hrs
- CTAR 454 - Law, Public Policy and the Arts 3 hrs
- CTAC 354 - Organizational Communication 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs

Select one course from the following:

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 246 - Accounting for Public Administrators 3 hrs

Select one course from the following:

- CTAR 488 - Internship in Arts Management 2 hrs
- CTAR 489 - Internship in Arts Management 3 hrs

Elective Courses: 2-3 hours

Select one course from the following:

- ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV) 3 hrs
- CMT 121 - Graphic Communication 3 hrs
- CTAR 378 - Special Topics 2 hrs
- CTAR 427 - Grant Writing for the Arts 2 hrs
- CTAT 334 - Radio-Television News 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- IS 215 - End-User Computing 3 hrs

Minor Total: 22-24 hours

Critical Graduation Information:

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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Communication Minor

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 21 hours

Foundation Courses: 15 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs

Public Communication: 3 hours

One course from the following:

- CTAC 224 - Public Speaking 3 hrs
- CTAC 340 - Communication Ethics 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs

Relational Communication: 3 hours

One course from the following:

- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs

- CTAC 226 - Nonverbal Communication (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs

Organizational Communication: 3 hours

One course from the following:

- CTAC 354 - Organizational Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs

Cultural Communication: 3 hours

One course from the following:

- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- CTAC 274 - Intercultural Communication (Gen Ed Area III) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (Gen Ed Area III) 3 hrs

Advanced Theory and Research: 3 hours

One course from the following:

- CTAC 440W - Public Discourse Analysis (Gen Ed Area I, W) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (Gen Ed Area I, W) 3 hrs
- CTAC 485W - Communication Theory (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 3 hours

Three hours from the list of restricted elective courses below that were not selected as a required course above:

- CTAC 224 - Public Speaking 3 hrs
- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 226 - Nonverbal Communication (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- CTAC 274 - Intercultural Communication (Gen Ed Area III) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (Gen Ed Area III) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 352 - Communication in Negotiation 3 hrs
- CTAC 354 - Organizational Communication 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs
- CTAC 372 - Assertive Communication 3 hrs
- CTAC 373 - Family Communication 3 hrs

- CTAC 376 - Communication and Conflict Resolution 3 hrs
- CTAC 379 - Special Topics 3 hrs
- CTAC 440W - Public Discourse Analysis (Gen Ed Area I, W) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (Gen Ed Area I, W) 3 hrs
- CTAC 485W - Communication Theory (Gen Ed Area I, W) 3 hrs

No more than six credit hours from the following courses:

- CTAA 166 - Forensics 1 hr
- CTAA 266 - Forensics 1 hr
- CTAA 366 - Forensics 1 hr
- CTAA 466 - Forensics 1 hr
- CTAC 387 - Cooperative Education in Communication 1 hr
- CTAC 388 - Cooperative Education in Communication 2 hrs
- CTAC 389 - Cooperative Education in Communication 3 hrs
- CTAC 487 - Internship in Communication 1 hr
- CTAC 488 - Internship in Communication 2 hrs
- CTAC 489 - Internship in Communication 3 hrs
- CTAC 497 - Independent Study 1 hr
- CTAC 498 - Independent Study 2 hrs
- CTAC 499 - Independent Study 3 hrs

Alternate department courses. No more than three hours substituted for a restricted elective:

- CTAO 205 - Voice and Articulation 3 hrs
- CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs
- CTAT 241 - Announcing Techniques for Electronic Media 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Comprehensive Minor in Communication and Theatre Arts

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 3 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs

Restricted Elective Courses: 12 hours

At least three hours in four of the six areas of concentration (communication, interpretation/performance studies, voice and speech development, telecommunications and film and theatre arts and educational drama). See courses previously listed in comprehensive major in communication and theatre arts.

Concentration Courses: 6-9 hours

Six to nine hours in one area of concentration.

Minor Total: 21-24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

Drama/Theatre for the Young Minor

The undergraduate minor in drama/theatre for the young is designed to serve students wishing to prepare for a variety of careers — some already existing, others emerging — involving work with and for the young through drama and communication. The minor is useful in conjunction with many other minors and majors including early childhood, elementary and secondary education, special education, language and literature, history and social studies, art, music, dance, social work, sociology, psychology, recreation, business management, counseling, library science, communication, gerontology, theatre and applied theatre.

It provides a strong base and, at the same time, flexibility is ensured through freedom in choosing from a wide range of electives.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 15 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV) 3 hrs
- CTAR 322 - Theatre for Children 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs
- CTAR 324 - Oral Interpretation of Children's Literature 3 hrs

Elective Courses: 5 hours

Five hours from the following:

- Any course in dramatic literature
- Any communication or theatre arts course
- CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- CTAA 168 - Interpretation 1 hr
- CTAA 268 - Interpretation 1 hr
- CTAA 368 - Interpretation 3 hrs
- CTAA 468 - Interpretation 1 hr
- CTAR 326 - Drama/Theatre for Persons with Disabilities 2 hrs
- CTAR 327 - Plays for the Young 3 hrs
- CTAR 329 - Performing Theatre for the Young 3 hrs
- CTAR 377 - Special Topics 1 hr
- CTAR 378 - Special Topics 2 hrs
- CTAR 379 - Special Topics 3 hrs
- CTAR 429 - History and Theory of Developmental Drama/Theatre 3 hrs
- CTAR 497 - Independent Study 1 hr
- CTAR 498 - Independent Study 2 hrs
- CTAR 499 - Independent Study 3 hrs
- * CTAR 504 - Performing Youth Literature 3 hrs
- * CTAR 522 - TIE: Theatre-in-Education 2 hrs
- * CTAR 523 - Puppetry: Catalyst in Human Development 3 hrs
- * CTAR 524 - Developmental Drama/Theatre for Persons with Disabilities 2 hrs
- * CTAR 525 - Developmental Drama/Theatre in Recreational Settings 2 hrs
- * CTAR 528 - Developmental Drama/Theatre in Religion 2 hrs
- * CTAR 565 - Studies in Educational Drama and Theatre 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300 level or above.

** All 500-level courses are available for undergraduate credit to qualified seniors.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Electronic Media and Film Studies Minor

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey
Department Contact: kstacey@emich.edu
Website: <http://www.emich.edu/cta/>

Required Courses: 11 hours

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 131 - Introduction to Audio Production and Direction 2 hrs
- CTAT 132 - Introduction to Video Production and Direction 2 hrs

One course from the following:

- CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs
- CTAT 236 - History and Criticism of Radio and Television 3 hrs

One course from the following:

- CTAA 165 - Television Laboratory 1 hr
- CTAA 169 - Radio Station WQBR 1 hr

Restricted Elective Courses: 9 hours

One course from each group of the area courses listed under the Electronic Media and Film Studies Major (production, writing and theory).

Elective Courses: 4 hours

Three hours from Electronic Media and Film Studies and the remaining hours from Communication, Media and Theatre Arts classes, excluding CTAC 124 - Foundations of Speech Communication.

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

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University Information: Consult the online catalog at catalog.emich.edu.

Interdisciplinary Film Studies Minor

Film is the most interdisciplinary of all the arts in that it represents a synthesis of literature, theatre, painting, photography, music, and video. It borrows from all of them to create the most powerful, persuasive, and popular art form of the past 120 years. As a narrative art, it closely resembles painting and photography. As a time art, it is structured much like music.

In their borrowing from other arts, motion pictures naturally embrace a diversity of themes and address a multitude of complex issues. They take students to other times and places and encourage them to consider viewpoints beyond their immediate circumstances. Through the study of films, students develop a greater appreciation for cultural diversity and a better knowledge of human history.

The purpose of this program is to encourage students to understand the relationship between film and other arts and to gain an appreciation for those motion pictures that address diverse themes and reflect the values of other cultures.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 9 hours

Students must earn a "C" or better each of the required courses in this major

- CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV) 3 hrs
- CTAT 245 - A Survey of American Cinema 3 hrs
- CTAT 445 - Film Theory and Criticism 3 hrs

Restricted Electives: 12 hours

Choose at least one course from each of the following categories:

Related Arts:

- Approved Special Topics courses
- * CTAT 335 - Studies in Film 3 hrs
- CTAT 345 - American Film Genres 3 hrs
- CTAT 444 - Dramatic Scriptwriting for Visual Media 3 hrs

Diverse Perspectives:

- Approved Special Topics courses
- AAS 370 - Films of the African American Experience 3 hrs
- CASI 240 - Reel Women/Real Women 3 hrs
- * CTAT 335 - Studies in Film 3 hrs
- GERN 428 - German Literature and Film from 1945 to the Present 3 hrs
- LITR 241 - Global Images, Narrative Worlds (Gen Ed Area III) 3 hrs

Theory:

- Approved Special Topics courses

- LITR 400 - Narrative in Literature and Film 3 hrs
- PHIL 370W - Philosophy and Narrative (Gen Ed Area I, W) 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PSY 460 - Psychology of Film 3 hrs

Capstone Experience: 3 hours

- CTAT 495 - Capstone Experience 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

* CTAT 335 may be taken twice if topics are different.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for

college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Musical Theatre Minor

Revised Minor, Effective Winter 2013

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Basic Core: 17 hours

The courses required are determined by your major.

Dance Majors: 17 hours

This set of classes is for students with a Dance major:

- MUSC 100 - Music Fundamentals (Gen Ed Area IV) 3 hrs
- MUSC 232 - Voice Class 1 hr

Four credit hours from the following: 4 hours

Level of classes will be determined by audition.

- AMUS 115A - Secondary Applied Music 1 hr
- AMUS 115B - Secondary Applied Music 2 hrs
- AMUS 116A - Principal Applied Music 2 hrs
- AMUS 116B - Principal Applied Music 4 hrs
- AMUS 415A - Secondary Applied Music 1 hr
- AMUS 415B - Secondary Applied Music 2 hrs
- AMUS 416A - Principal Applied Music 2 hrs
- AMUS 416B - Principal Applied Music 4 hrs

Nine credits from the following: 9 hours

- CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs
- CTAR 254 - Stage Makeup 1 hr
- CTAR 358 - Characterization 3 hrs
- CTAR 370 - Audition 3 hrs
- CTAR 464 - Style for the Actor 3 hrs

Music Majors: 17 hours

This set of classes is for students with a Music major:

- DANC 100 - Ballet I (Gen Ed Area IV) 3 hrs
- DANC 200 - Ballet II 2 hrs
- DANC 478 - Special Topics 2 hrs

One course from the following: 2 hours

- DANC 101 - Jazz I 2 hrs
- DANC 201 - Jazz II 2 hrs

Eight credits from the following: 8 hours

- CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs
- CTAR 254 - Stage Makeup 1 hr
- CTAR 358 - Characterization 3 hrs
- CTAR 370 - Audition 3 hrs
- CTAR 464 - Style for the Actor 3 hrs

Theatre Majors: 17 hours

This set of classes is for students with a Theatre major:

- DANC 100 - Ballet I (Gen Ed Area IV) 3 hrs
- DANC 200 - Ballet II 2 hrs
- DANC 478 - Special Topics 2 hrs
- MUSC 100 - Music Fundamentals (Gen Ed Area IV) 3 hrs
- MUSC 232 - Voice Class 1 hr

Four credits from the following: 4 hours

Level of classes will be determined by audition.

- AMUS 115A - Secondary Applied Music 1 hr
- AMUS 115B - Secondary Applied Music 2 hrs
- AMUS 116A - Principal Applied Music 2 hrs
- AMUS 116B - Principal Applied Music 4 hrs
- AMUS 415A - Secondary Applied Music 1 hr
- AMUS 415B - Secondary Applied Music 2 hrs
- AMUS 416A - Principal Applied Music 2 hrs
- AMUS 416B - Principal Applied Music 4 hrs

One course from the following: 2 hours

- DANC 101 - Jazz I 2 hrs
- DANC 201 - Jazz II 2 hrs

Advanced Core: 8 hours

Select eight credit hours from the following:

- CTAR 380 - Musical Theatre Acting 2 hrs
- CTAR 421 - Musical Theatre Styles 2 hrs
- CTAR 463 - The American Musical Stage 3 hrs
- CTAR 471 - Musical Theatre Workshop 1 hr
* This course is cross-listed with MUSC571
- DANC 110 - Modern Dance I for Dance Majors/Minors 3 hrs
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr

Minor Total: 25 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Communication and Theatre Arts Teaching Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in speech, certification code BD. The Michigan Test for Teacher Certification (MTTC) covering this field is #004, "Speech." At least six hours must be taken at the 300-400 level.

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 24 hours

- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- * CTAC 307 - The Teaching of Speech 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAC 407 - Directing the Secondary Communication and Theatre Co-Curriculum 3 hrs
- CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs
- CTAR 150L - Introduction to Theatre (Gen Ed Area IV) 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs

Minor Total: 24 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Students will declare a teaching major or minor in conjunction with their CTA program - there is no restriction on General Education course selections - students complete standard Initial Teacher Preparation Program professional education coursework.

All minors must have at least six hours of course work at the 300-level or above.

** Majors take CTAC 307 as part of the Initial Teacher Preparation Program.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Theatre Arts Minor

Communication, Media and Theatre Arts Department Information:

Interim Department Head: Kathleen Stacey

Department Contact: kstacey@emich.edu

Website: <http://www.emich.edu/cta/>

Required Courses: 15 hours

- CTAR 140 - Script Analysis for Theatre Artists 3 hrs
- CTAR 155 - Producing Theatre 3 hrs
- CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs
- CTAR 355 - Play Direction 3 hrs

One course from the following:

- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs

Applied Study: 2 hours

- CTAA 167 - Theatre Practice 1 hr
- CTAA 367 - Theatre Practice 1 hr

History & Theory: 3 hours

Students select one of the following courses:

- CTAR 450 - History of the Theatre to 1642 3 hrs
- CTAR 451 - History of the Theatre 1642 to the Present 3 hrs

Elective Courses: 3-5 hours

Students choose three to five hours of CTAR coursework beyond the 100-level.

Minor Total: 23-25 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Communication

CTAC 124 - Foundations of Speech Communication (Gen Ed Area I)

This course develops students' public speaking skills and introduces students to foundational concepts in communication studies.

Credit Hours: 3 hrs

Previously Listed As: CTAC 124 - Fundamentals of Speech

Area I: Effective Communication

CTAC 124 Foundations of Speech Communication or *departmental waiver* [was CTAS124]

The ability to communicate is fundamental to human life. We spend more time communicating than doing anything else. The ability to communicate effectively has a profound impact on an individual's personal, social, academic, professional and civic life. Developing the skills of speaking and listening effectively is a critical not only to the individual, but also to the successful functioning of a growing and increasingly diverse democratic society.

Successful accomplishment of the Fundamentals of Speech course will enable students to prepare, present and evaluate speeches; thus enhancing and developing their ability to communicate effectively. Students will receive the appropriate instruction and have multiple opportunities to demonstrate the ability to conceptualize, analyze and research a topic; organize information; adapt to the audience; craft the message with an introduction, body, and a conclusion; create speaking notes; utilize a variety of audio-visual material; make appropriate choices in both verbal and nonverbal communication during the presentation; manage speech anxiety; and listen both critically and emphatically. This course will assist the university in meeting the charge of the Boyer Commission when it stressed in 1998 that "Undergraduate education must enable students to acquire strong communication skills and thereby create graduates who are proficient in both written and oral communication."

Last Updated: Title and Course Description Change 04/2012, effective Fall 2012

CTAC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAC 224 - Public Speaking

The characteristics of various types of speeches and speech situations and practice in the preparation and delivery of speeches for various occasions.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Last Updated: Links 04/2011

CTAC 225 - Listening Behavior (Gen Ed Area IV)

The study of the behavior, processes and theory of human listening; practice in improving listening skills.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAC 225 Listening Behavior

While people often think of communication as primarily what is spoken, what is heard is equally important. Social scientists have estimated that approximately 85% of what people know has been learned through listening. In our field, we study and investigate individual communication behaviors such as listening, which in turn influence and change organizational, societal and cultural behavior. As a result, communication researchers have investigated, measured and analyzed listening behaviors in various contexts. Students will investigate the complexity of listening through assignments designed to provide experience with social science methods utilized to conduct qualitative and quantitative research, and read the existing social scientific research in listening behavior; and be able to evaluate their proficiency levels in various listening situations using instruments commonly used in the communication discipline. Students will also formulate research questions and investigate human listening behavior through discussion, reading assignments and interactive exercises.

CTAC 226 - Nonverbal Communication (Gen Ed Area IV)

An examination of nonverbal and situational behaviors, relationships, objects and events surrounding speech communication acts.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAC 226 Nonverbal Communication

Social scientists have estimated that 60-70% of what we communicate to one another is through the nonverbal channel. Nonverbal communication is the primary mode of expressing emotion, creating and managing impressions and communicating messages of attraction, liking, distance and dominance. This course is designed to introduce students to the social scientific study and analysis of nonverbal communication. For this reason the emphasis of CTAC 226 is on scientific knowledge rather than anecdotal experience. the course will cover both classic and current theories and research related to nonverbal communication. From Darwin's seminal work on the study of emotional expression in humans to current methods of conversational analysis, the field of nonverbal communication has a long history of research from a social scientific perspectives.

CTAC 227 - Interpersonal Communication (Gen Ed Area IV)

Study and practice of the basic elements of interpersonal communication with emphasis on perception, meanings, attention, listening, feedback and communication barriers. Particular attention is given to improving interpersonal communication skills. This course may not substitute as the fundamentals of speech requirement in general education.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAC 227 Interpersonal Communication

Interpersonal communication is the exchange of symbols used to achieve self-presentation, relational and instrumental goals. In other words, how we present ourselves and manage our image to others, how we develop, maintain and terminate relationships and how we use communication to develop and obtain resources. Interpersonal communication is the foundation upon which all relationships, organizations and societies are built. Interpersonal communication is often taken for granted. We assume since we engage in interpersonal interactions on a daily basis we understand what it is. Students will move from their personal understanding of interpersonal communication to the social scientific perspective existing within the discipline. This course is designed to introduce students to the social scientific study and analysis of interpersonal communication. Theories such as attribution, expectancy violation, uncertainty reduction, social exchange, coordinated management of meaning and cognitive dissonance and research methods such as experimental design, conversational analysis, content analysis and ethnography will be explored.

CTAC 260 - Gender Communication (Gen Ed Area III)

Exploration of the multifaceted ways communication, culture, and gender are interconnected and the influences of each. Critical analysis of gender communications "differences" as they are influenced by culture and our everyday communication.

Credit Hours: 3 hrs

Cross-Listed with: WGST 260

Area III: Perspectives on a Diverse World

CTAC 260 Gender Communication [was CTAC/WGST 360]

Gender Communication is communication *about* and *between* men and women. It is communication *about* men and women because gender communication is reflected in everything around us. From the time we are born important people in our life communicate our society's gender expectations to us. While individuals vary in the extent to which they accept or reject those messages, we all "do gender" by expressing our views about what we believe is normal or natural for a member of our sex. Since gender is a social construction that changes over time, it is important that we systematically study it to determine how it affects us, the people with whom we interact, and the world in which we live. Gender communication is also communication *between* men and women. In the United States interactions between women and men occur every hour of every day. The sheer number of contacts we have with the opposite sex heightens the need to study the effects of gender on the communication process.

CTAC 260 meets the U.S. diversity requirement of general education because it allows students to examine their gender identity and relate it to the gender identity of others. This ultimately leads to an understanding of the many different ways people view gender and communication in the United States. Attention is also focused on the communication-related causes and consequences of social intolerance toward individuals who deviate from normative sex and gender roles, and how that intolerance relates to racism, ethnocentrism, and exclusion in the United States. Last but not least, students explore the association between gender and income distribution, economic opportunities, political participation and the U.S. democratic process, and how those variables impact communication between and within the sexes.

Last Updated: Links 04/2011

CTAC 265 - Communicating and LGBT Community

Communication and LGBT Community examines communication about and within diverse Lesbian, Gay, Bisexual, and Transgender identity communities. Patterns in social movement, issue advocacy, group identity expression, and media representation are reviewed and evaluated. The course explores questions of intolerance, stereotyping, and intersectionality, applying perspectives drawn from communication and queer theories.

Credit Hours: 3 hrs

Cross-Listed with: WGST 265

Last Updated: New Course 12/2011, effective Winter 2012

CTAC 274 - Intercultural Communication (Gen Ed Area III)

Analysis of processes and problems of communication as affected by national cultures; effects of differences in verbal and nonverbal communication, values, meaning, perception and thought.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

CTAC 274 Intercultural Communication [was CTAC 374]

The modern world is characterized by a dramatic increase in communication between people of different cultural backgrounds. Students are now graduating into a world where intercultural communication is increasingly common. Business, science, education, mass media, entertainment, tourism, politics, war and the internet all provide opportunities and challenges associated with intercultural encounters. CTAC 274 is designed to help students better understand their own cultural communication style and those of other people, groups and nations. Upon completion of this course students will have a better understanding of cultures that differ from their own, develop a universalistic, realistic, worldview and learn how culture impacts communication at both the interpersonal and societal levels.

CTAC 275 - Interracial/Interethnic Communication (Gen Ed Area III)

The analysis of how ethnocentric attitudes toward perceived racial/ethnic minority group speakers/listeners influence interpersonal communication transactions.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

CTAC 275 Interracial/Interethnic Communication [was CTAC 375]

CTAC 275 Interracial/Interethnic Communication meets the U.S. diversity requirement of general education because it prompts students to consider and evaluate the foundations of race/ethnicity based identities and assumptions in the context of interpersonal interacting. Attitudes about racially and ethnically different "others" are both developed and expressed through conversation (Debra J. Dickerson, *The End of Blackness: Returning the Souls of Black Folk to their Rightful Owners*). The persistent issue of racial and ethnic inequality in the United States becomes visible in the language and non-verbal expression of people between and within diverse identity groups. When viewed through the lens of communicative interaction, we understand how interpersonal interaction offers socially and persuasively constructed identities, social roles and status. The increasingly racially and ethnically diverse fabric of American Culture suggests that our interaction with "others" is near constant. The need to understand how race and ethnicity inform our communication choices, shape our understanding of messages and clarify our individual and group relationship to a changing world is vital.

CTAC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAC 307 - The Teaching of Speech

Emphasizes the analysis and construction of courses of study, evaluation of textbooks and teaching materials, methods of directing co-curricular speech activities and demonstrations of teaching methods. Required of students majoring in communication and theatre arts in the junior or senior high school teaching curriculum. Does not count toward the major or minor. Not open to students on academic probation.

Credit Hours: 3 hrs

Prerequisite: CTAC 124, CURR 305 and admission to College of Education

Last Updated: Links 04/2011

CTAC 310 - Health Communication (NEW COURSE)

Examines the nature, contexts, theories, and selected research within the field of health communication. Topics include physician-patient interactions, public health awareness/prevention/intervention campaigns, media images of health, cultural constructions of health, and hospital and health-care organizations.

Credit Hours: 3 hrs

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

CTAC 340 - Communication Ethics

This course will examine frameworks for ethics guiding human communication conduct in various contexts including public, interpersonal and organizational settings. Freedom of Speech will be explored as a privilege and responsibility of American life. Historical cases and contemporary trends will be examined in both free speech and ethical studies.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Last Updated: Links 04/2011

CTAC 350 - Persuasion

The study of the basic elements inherent in persuasion; the analysis of representative persuasive speeches; practice in securing the acceptance of ideas through psychological appeals as well as logical reasoning.

Credit Hours: 3 hrs
Prerequisite: CTAC 124
Last Updated: Links 04/2011

CTAC 352 - Communication in Negotiation

The course emphasizes the principles and practice of negotiation strategies and techniques in interpersonal and group interactions, grievance handling and collective bargaining.

Credit Hours: 3 hrs
Prerequisite: CTAC 124 or department permission
Last Updated: Links 04/2011

CTAC 354 - Organizational Communication

The course examines the relationship between organizational structures and communication patterns with an emphasis on individual communication strategies appropriate in different organizational settings.

Credit Hours: 3 hrs
Prerequisite: CTAC 124
Last Updated: Links 04/2011

CTAC 356 - Argumentation and Debate

Emphasizes the principles of logical reasoning and oral presentation of reasoned discourse in group situations. Exercise in debate and in general argumentative speaking.

Credit Hours: 3 hrs
Prerequisite: CTAC 124
Last Updated: Links 04/2011

CTAC 357 - Interviewing as Communication

The principles and practices of the interview as they relate to communication elements; the interview process, structure, functions and techniques explored from both the perspective of the interviewer and the interviewee.

Credit Hours: 3 hrs
Prerequisite: CTAC 124 or department permission
Last Updated: Links 04/2011

CTAC 359 - Small Group Communication

The course provides students with an understanding of theory and research in small group interaction. Practical dimensions of group communication are emphasized through group projects and exercises.

Credit Hours: 3 hrs
Prerequisite: CTAC 124
Last Updated: Links 04/2011

CTAC 370 - Nonprofit Organizational Communication

A critical examination of the fundamental differences between communication in a for-profit organization and communication in a nonprofit organization. Students will learn and apply communication skills necessary to effectively and efficiently communicate in a nonprofit organization.

Credit Hours: 3 hrs

CTAC 372 - Assertive Communication

Individualized approach to study and training in effective assertive communication for social, conversational and career-oriented situations.

Credit Hours: 3 hrs

Prerequisite: CTAC 124 or department permission

Last Updated: Links 04/2011

CTAC 373 - Family Communication

Descriptive and theoretical study of communication in families with emphasis on the influence of family communication on individuals.

Credit Hours: 3 hrs

Prerequisite: CTAC 124 and CTAC 227

Last Updated: Links 04/2011

CTAC 376 - Communication and Conflict Resolution

This course explores communication dynamics, processes and applications of conflict resolution procedures to the areas of interpersonal and organizational communication interactions. Emphasis will be on the theory and practice of the communication principles involved in these processes.

Credit Hours: 3 hrs

CTAC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAC 387 - Cooperative Education in Communication

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 1 hr

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAC 388 - Cooperative Education in Communication

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 2 hrs

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAC 389 - Cooperative Education in Communication

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

Notes: One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

CTAC 407 - Directing the Secondary Communication and Theatre Co-Curriculum

The course provides an exploration of the philosophy, pedagogy, organization and administration of co-curricular activities associated with communication and theatre arts at the secondary level. Students will study current trends in the Michigan secondary education communication and theatre co-curriculum and acquire skills essential to directing such programs.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Last Updated: Credit Hour Change 04/2012, effective Fall 2012; Links 04/2011

CTAC 440W - Public Discourse Analysis (Gen Ed Area I, W)

The course provides a critical study of public communication focusing on the role of advocates and their messages in an open society.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAC 460 - Theories of Speech Criticism

A study of the theoretical and critical works from various eras of western culture.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAC 475W - Research in Speech Communication (Gen Ed Area I, W)

An examination of methods currently employed in speech communication, as well as a review of the many types of application now being made. Course includes analysis of speech communication behavior.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAC 485W - Communication Theory (Gen Ed Area I, W)

Communication Theory offers an analysis and application of classic and current theories in the communication discipline.

Credit Hours: 3 hrs

Prerequisite: CTAC 124

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAC 487 - Internship in Communication

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

<http://www.emich.edu/cta/opp-career.html>

Credit Hours: 1 hr

Prerequisite: 20 credit hours of concentration courses and department permission

CTAC 488 - Internship in Communication

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

<http://www.emich.edu/cta/opp-career.html>

Credit Hours: 2 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAC 489 - Internship in Communication

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

<http://www.emich.edu/cta/opp-career.html>

Credit Hours: 3 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAC 495L - Communication Capstone (Gen Ed Area V LBC)

This course requires students to integrate knowledge obtained throughout the degree program and demonstrate communication competency through the development of a significant academic service-learning project. Students will also assess their own knowledge and skills and begin preparing for life after graduation.

Credit Hours: 3 hrs

Prerequisite: CTAC 124 and one of the following: CTAC 440W, CTAC 460, CTAC 475W or CTAC 485W

Class Restrictions: Senior standing

Major Restrictions: Communication Majors only

Rationale: This course allows students to integrate knowledge obtained throughout the degree program and demonstrate communication competency. Students will also reflect on their learning and begin framing and applying their degree program for life after graduation. The course will be focused around a significant Academic Service-Learning project. Through identifying a community need, designing and implementing a project based on that need, and then presenting that project to the larger campus community, CTAC 495 requires students to draw on their broad communication knowledge, find and evaluate specific and relevant research, and demonstrate appropriate and effective leadership, interpersonal, small group, organizational and public communication skills.

Last Updated: 02/2011; effective Fall 2011

CTAC 497 - Independent Study

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: 20 credit hours of concentration courses and department permission

CTAC 498 - Independent Study

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAC 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Communication and Theater Arts

CTAA 165 - Television Laboratory

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130, CTAT 131 and CTAT 132; or department permission

Last Updated: Links 04/2011

CTAA 166 - Forensics

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 167 - Theatre Practice

Students will receive one hour of graded credit for either active co-curricular participation on a production running crew or performing major or supporting role in a faculty-directed production. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: Course Description Change 02/2012, effective Fall 2012

CTAA 168 - Interpretation

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities and

the credit may be earned in one activity or in several activities. Admission to the activity does not ensure credit. (Available with a focus on oral interpretation of literature for the young.)

Credit Hours: 1 hr

Prerequisite: CTAO 210 or department permission

Last Updated: Links 04/2011

CTAA 169 - Radio Station WQBR

Students who participate in co-instructional programs may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities, and the credits may be earned in one activity or in several activities. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130 and CTAT 131; or department permission

Last Updated: Links 04/2011

CTAA 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1hr

Prerequisite: department permission

CTAA 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAA 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAA 265 - Television Laboratory

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130, CTAT 131 and CTAT 132; or department permission

Last Updated: Links 04/2011

CTAA 266 - Forensics

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 267 - Theatre Practice

Students will receive one hour of graded credit for active co-curricular participation on a scenic or costume construction crew for a faculty-directed production. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAR 152 or CTAR 153, and department permission

Last Updated: Course Description and Prerequisite Change 02/2012, effective Fall 2012

CTAA 268 - Interpretation

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities and the credit may be earned in one activity or in several activities. Admission to the activity does not ensure credit. (Available with a focus on oral interpretation of literature for the young.)

Credit Hours: 1 hr

Prerequisite: CTAO 210 or department permission

Last Updated: Links 04/2011

CTAA 269 - Radio Station WQBR

Students who participate in co-instructional programs may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities, and the credits may be earned in one activity or in several activities. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130 and CTAT 131; or department permission

Last Updated: Links 04/2011

CTAA 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAA 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAA 365 - Television Laboratory

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130, CTAT 131 and CTAT 132; or department permission

Last Updated: Links 04/2011

CTAA 366 - Forensics

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 367 - Theatre Practice

Students will receive one hour of graded credit for active co-curricular participation as production crew head for a faculty-directed production.

Credit Hours: 1 hr

Prerequisite: CTAA 167 and department permission

Class Restrictions: Sophomore standing or higher

Last Updated: Course Description and Prerequisite Change 02/2012, effective Fall 2012; Links 04/2011

CTAA 368 - Interpretation

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities and the credit may be earned in one activity or in several activities.

Credit Hours: 3 hrs

Prerequisite: CTAO 210 or department permission

Notes: Admission to the activity does not ensure credit. (Available with a focus on oral interpretation of literature for the young.)

Last Updated: Links 04/2011

CTAA 369 - Radio Station WQBR

Students who participate in co-instructional programs may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities, and the credits may be earned in one activity or in several activities. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130 and CTAT 131; or department permission

Last Updated: Links 04/2011

CTAA 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAA 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAA 465 - Television Laboratory

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAT 130, CTAT 131 and CTAT 132; or department permission

Last Updated: Links 04/2011

CTAA 466 - Forensics

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in one activity or in several. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAA 467 - Theatre Practice

Students will receive one hour of graded credit for active co-curricular participation in one of the following capacities: directing a laboratory series production, stage managing or assistant directing a faculty-directed production, or appropriate equivalent activity or duty reflecting the student's individual expertise or skill set.

Credit Hours: 1 hr

Prerequisite: department permission

Class Restrictions: Sophomore standing or higher

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Course Description and Prerequisite Change 02/2012, effective Fall 2012; Graduate Credit 07/2011

CTAA 468 - Interpretation

Students who participate in co-instructional activities may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities and the credit may be earned in one activity or in several activities. Admission to the activity does not ensure credit.

Credit Hours: 1 hr

Prerequisite: CTAO 210 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Notes: Available with a focus on oral interpretation of literature for the young.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAA 469 - Radio Station WQBR

Students who participate in co-instructional programs may, with the approval of the professor in charge and the department head, receive one hour of credit in a single activity during one semester. Students may earn up to four hours credit in such activities, and the credits may be earned in one activity or in several activities.

Credit Hours: 1 hr

Prerequisite: CTAT 130 and CTAT 131; or department permission

Notes: Admission to the activity does not ensure credit.

Last Updated: Links 04/2011

CTAA 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAA 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAA 497 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

CTAA 498 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAA 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Interpretation/Performance Studies

CTAO 102 - Voice Development

A laboratory for developing strength and control of the speaking voice through physical and tonal exercises and choral speaking. Two regularly scheduled hours each week and additional sessions as arranged.

Credit Hours: 1 hr

CTAO 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CTAO 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAO 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAO 202 - Voice Development

Advanced laboratory exercises and specialized projects: pronouncing foreign terms for professional speaking.

Credit Hours: 1 hr

Prerequisite: department permission

CTAO 205 - Voice and Articulation

An introductory course for improving personal speaking habits. Emphasis is placed on regular practice to develop relaxed tone support, efficient articulation and vocal variety. Recording and listening laboratory hours arranged.

Credit Hours: 3 hrs

CTAO 210 - Interpretative Reading (Gen Ed Area IV)

The fundamentals of oral interpretation; developing poise and ease before an audience, a clear, forceful and flexible voice, and discrimination in interpreting thought to others. Selections will be prepared and presented in class.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAO 210 Interpretative Reading

In CTAO 210 Interpretative Reading students examine literature as a means of confronting, challenging and comprehending diverse histories, perspectives, cultural values and modes of expression. Through analysis and performance of literary texts students investigate a multiplicity of viewpoints, both similar to and divergent from their own. Ultimately, students seek to better understand literature as well as what it means both to be human and live in our world. Students will analyze literary texts and

their intellectual, aesthetic and human dimensions through the methodology of solo performance. They will participate in activities aimed at developing skills in textual analysis, sensory and cultural responsiveness, vocal and physical expression, and enhance their ability to make and communicate interpretive choices to others.

CTAO 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CTAO 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAO 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAO 302 - Voice Development

Advanced laboratory exercises and specialized projects: energetic vocal skills for theatre/interpretation.

Credit Hours: 1 hr

Prerequisite: department permission

CTAO 310 - Ensemble Interpretation

Ensemble Interpretation explores literary text from the group perspective. The emphasis is on staging literature through multiple bodies and voices utilizing presentational modes of performance, including reader's theater and chamber theater.

Credit Hours: 3 hrs

Prerequisite: CTAO 210 or department permission

Last Updated: Links 04/2011

CTAO 311 - Interpretation of Prose

The application of the fundamentals of oral interpretation to the reading of prose with emphasis on the short story and excerpts from longer works of fiction. Special attention given to problems involved in the interpretation of prose.

Credit Hours: 3 hrs

CTAO 314 - Interpretation of Drama

Specific problems involved in interpreting dramatic literature. Emphasis placed on selection of materials, cutting and arrangement of materials, dialogue, characterization and character placement. Students will work individually and collectively in interpreting scenes from plays.

Credit Hours: 3 hrs

CTAO 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAO 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAO 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAO 387 - Cooperative Education in Oral Interpretation

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 1 hr

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAO 388 - Cooperative Education in Oral Interpretation

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 2 hrs

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAO 389 - Cooperative Education in Oral Interpretation

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAO 402 - Voice Development

Advanced laboratory exercises and specialized projects: skills, theory and individualized projects.

Credit Hours: 1 hr

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAO 404 - Dynamic Speaking Skills

Projects emphasizing intensive application of voice and articulation theory and professional diction standards for actors, broadcasters, educators, forensic speakers, interpreters and other professional communicators. Laboratory hours arranged.

Credit Hours: 3 hrs

Prerequisite: Three courses in the department including either CTAO 102 or CTAO 205; or take CTAO 402 concurrently

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAO 405 - Voice and Dialects

Advanced projects in preparing oral presentations and characterizations in regional and foreign dialects.

Credit Hours: 3 hrs

Prerequisite: CTAO 205 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAO 411 - Adapting and Directing Literature

Analysis, adaptation, and direction of literature, particularly prose fiction, for group performance and theatre. This course explores group performance as dramatic enactment, interrogation, cultural and critical expression as well as experimentation in emergent forms.

Credit Hours: 3 hrs

Prerequisite: three hours in CTAO (interpretation/performance studies) or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Title and Prerequisite Change 06/2011, effective Fall 2011

CTAO 412 - Oral Interpretation of Poetry

The application of the principles of oral interpretation to the reading of poetry, with emphasis on modern and contemporary poetry.

Credit Hours: 3 hrs

Prerequisite: CTAO 210

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAO 415 - Performing Oral Narratives

This course explores the nature of oral narratives, both personal and historical, and the development of skills necessary for their collection. The focus is on primary sources, including interviewing, transcribing, scripting and staging for performance, as well as ethical considerations.

Credit Hours: 3 hrs

Prerequisite: Three credit hours in CTAO (interpretation/performance studies) or department permission

CTAO 418 - Performing Shakespeare I

Foundational course in approaching the performance of Shakespeare's texts. Emphasis placed on language devices and structures, unique challenges for characterization and exploring his drama in and out of context. Students will work individually and collectively with Shakespeare's Histories and Comedies.

Credit Hours: 3 hrs

CTAO 419 - Performing Shakespeare II

Workshop in approaching the performance of Shakespeare's tragedies. Emphasis placed on individual proficiency in the use of his language and group exploration of his dramas.

Credit Hours: 3 hrs

Prerequisite: CTAO 418 or instructor permission

Last Updated: Links 04/2011

CTAO 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAO 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAO 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAO 487 - Internship in Interpretation

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: 20 credit hours of concentration courses and department permission

CTAO 488 - Internship in Interpretation

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAO 489 - Internship in Interpretation

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAO 497 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

CTAO 498 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAO 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 07/2011

Telecommunications and Film

CTAT 130 - Introduction to Electronic Media

An introduction to electronic media systems in the United States. Emphasis on development of electronic media industries including radio, television, cable and the Internet. Programming, technologies, government regulation, financial support and

social effects are covered.

Credit Hours: 3 hrs

CTAT 131 - Introduction to Audio Production and Direction

For majors and minors only. This course emphasizes basic skills, concepts and strategies for audio production projects including radio ads, sound pictures, air checks and actualities. This is a required course for all majors and minors and a prerequisite to other production courses.

Credit Hours: 2 hrs

CTAT 132 - Introduction to Video Production and Direction

For majors and minors only. Class meets three times a week and emphasizes studio television production. Students learn the process of writing, producing and directing of commercials, news and talk shows in a multiple camera studio setting.

Credit Hours: 2 hrs

Prerequisite: CTAT 131

Last Updated: Links 04/2011

CTAT 141 - Audio and Video Production for Nonmajors

For non-majors and nonminors. A study and application of the technical elements of audio and video production with an emphasis on the operation of studio equipment. In addition to the hands-on participation, emphasis will be placed on theory, writing, and pre-production.

Credit Hours: 3 hrs

CTAT 145 - Introduction to Film Appreciation (Gen Ed Area IV)

An introduction to understanding the moving image as a medium of artistic expression and persuasion. The course will consider the principal components of film/video language including photography, writing, performances, editing, mise-en-scène and major classification systems such as genres and auteurism. It will include an historical overview of the development of film/video industries, major theoretical approaches, and an analysis of the moving image's effects on audiences.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAT 145 Introduction to Film Appreciation

Motion pictures are one of the most dominant, dynamic and influential art form of the past 100 years, and a knowledge of how they are made, their modes of style and methods of shaping content, and their interaction with the culture that produces them are an important part of any student's general education program. In studying motion pictures, students learn about key issues that are found in all the arts. These include the relationship between style and content, the influence of technology on form and substance, the effect of cultural norms, the definition of time and space, the creation of order and coherence, and stylistic change over time. In this course, students will learn how motion pictures are made and will become familiar with the creative processes used to shape content to the unique requirements of film art. They will develop the critical skills necessary to evaluate films from an historical perspective and compare them to related art forms. They will learn to judge a motion picture's success in using visual design, narrative structure, language, music and performance to create an effective and meaningful cinematic experience.

CTAT 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAT 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAT 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAT 231 - Audio Recording Techniques

An introduction to the practical problems of recording music ensembles from soloists to symphony orchestras. A professional audio engineer will supervise on-site recording sessions and all postproduction work.

Credit Hours: 3 hrs

Lecture/Lab Hours: Two regular lecture hours and two hours of laboratory per week. Fieldwork projects arranged. Laboratory fee.

Prerequisite: CTAT 130 and CTAT 131; or department permission

Last Updated: Links 04/2011

CTAT 232 - Lighting for TV and Film (NEW COURSE)

Lighting for TV and Film is a course in lighting design, distribution and implementation. It addresses the needs of studio-based television production and remote operations as well as the requirements of electronically-based cinematography.

Credit Hours: 3 hrs

Prerequisite: CTAT 132 or CTAT 141

Class Restrictions: Sophomore standing or higher

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

CTAT 233 - Digital Video Editing (NEW COURSE)

This course is designed to teach the basic aesthetics and mechanics of digital video editing. The course covers editing theories as well as practice in using industry-standard software. The student will complete several editing projects using digital video files.

Credit Hours: 3 hrs

Prerequisite: CTAT 130 and CTAT 131

Concurrent Prerequisite: CTAT 132

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

CTAT 235 - International Cinema (Gen Ed Area III)

An exploration of cinema produced in other countries, including essential films, directors, and production systems; an introduction to the study of international films by analyzing their influence on film history, investigating important cultural issues and the depiction of those issues, and comparing films of other nations to US cinema.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

CTAT 235 International Cinema

Film is one of the most dominant, influential, and message intensive art forms of the past 100 years. Knowledge of international cinema allows for students to use moving pictures as a catalyst to critique social and cultural issues in different cultures and investigate how history has changed nations and shaped the world.

In this course, students will learn the major motion pictures made in a variety of countries and will become familiar with the important cinematic movements from each country, including the most influential directors. They will develop the critical skills necessary to evaluate international films from an historical perspective and compare them to the dominant American cinematic style. Finally, they will learn to evaluate the messages within a motion picture and its success in using visual design, narrative structure, language, music and performance to create an effective and meaningful cinematic experience that speaks to cultural and social issues of that nation's cinema both in history and contemporarily. Students will learn how international films can be used to investigate global perspectives on world history, political systems, and national issues within specific countries. As the number of international film productions increases, these skills are an important part of any student's global perspectives knowledge. As such, CTAT 235 International Cinema satisfies the Global Awareness area of the General Education Program.

Last Updated: Gen Ed Approval 12/2011, effective Winter 2012; New Course 06/2011, effective Fall 2011

CTAT 236 - History and Criticism of Radio and Television

An historical and critical survey of radio and television entertainment and public affairs programming with an emphasis on how the networks' offerings were received by a select number of social and cultural critics of the two media.

Credit Hours: 3 hrs

Prerequisite: CTAT 130

Last Updated: Links 04/2011

CTAT 241 - Announcing Techniques for Electronic Media

A study of the various types of radio and television nondramatic speaking such as news, commercials, interviews and documentaries. Practice and evaluation of announcing types and styles.

Credit Hours: 3 hrs

Previously Listed As: CTAT Radio-Television-Film Announcing

Last Updated: Title change 5/2012

CTAT 245 - A Survey of American Cinema

This course is a chronological survey of the development of American cinema with an emphasis on the roles played by technological innovations, corporate development, government intervention and the emergence of a dominant mode of film production practice. Key films by important directors from the entire period will be screened and discussed.

Credit Hours: 3 hrs

Prerequisite: CTAT 145 or department permission

Last Updated: Links 04/2011

CTAT 255 - Visual and Cinematic Arts Since 1900 (NEW COURSE)

This is an interdisciplinary course that explores the similarities and differences among the visual and cinematic arts as well as their influences on one another since 1900. Students will see paintings, drawing, photographs, and films representative of key artistic movements of the last century and explore the social, economic, political, and aesthetic factors that influenced their creation.

Credit Hours: 3 hrs

Cross-Listed with: ARTH 255

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

CTAT 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAT 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAT 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAT 331 - Intermediate Radio Production and direction

This course focuses on the production of nondramatic radio programming including promotional spots, advertisements, documentaries and air checks in a variety of formats. Emphasis is on advanced production skills and developing broader knowledge of the industry.

Credit Hours: 3 hrs

Prerequisite: CTAT 130, CTAT 131 and CTAT 132 or CTAT 141; or department permission

Last Updated: Links 04/2011

CTAT 332 - Intermediate Television Production and Direction

The fundamentals of nondramatic ENG single camera and studio style production are explored as well as basic electronic video editing. More advanced production techniques and theory are applied in both studio and field settings.

Credit Hours: 3 hrs

Prerequisite: CTAT 130, CTAT 131 and CTAT 132; or department permission

Last Updated: Links 04/2011

CTAT 333 - Fundamentals of Electronic Moviemaking

An introduction to the principles of digital video production. Course offers theory and practice of digital video continuity, master sequencing, narrative and non-narrative editing. Two short video projects will be required.

Credit Hours: 3 hrs

Prerequisite: CTAT 130, CTAT 131 and CTAT 132; or department permission

Last Updated: Links 04/2011

CTAT 334 - Radio-Television News

A study of the principles, techniques and forms of broadcast journalism. Emphasis is placed on broadcast news writing, editing, and delivery.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Major Restrictions: Journalism Majors and Minors only

Last Updated: Links 04/2011

CTAT 335 - Studies in Film

Students will examine non-Hollywood films including European, Asian and Third World theatrical film or documentary, animated and experimental films or film music. The topics will alternate over terms to allow for an in-depth approach.

Credit Hours: 3 hrs

Prerequisite: CTAT 145

Last Updated: Links 04/2011

CTAT 336 - Studies in Electronic Media

In this course, students will be able to study a variety of different electronic media topics including media literacy, international broadcasting and electronic media regulation. Other topics may be introduced.

Credit Hours: 3 hrs

Prerequisite: CTAT 130 or department permission

Last Updated: Links 04/2011

CTAT 341 - Radio-Television-Film Dramatic Performance

A study of types and styles of dramatic speaking for radio, television and film. Practice in the basic techniques of acting for the three media.

Credit Hours: 3 hrs

Prerequisite: CTAR 158 or CTAT 241 or department permission

Last Updated: Links 04/2011

CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W)

A study of the nondramatic writing forms for electronic media, including commercials, public service announcements, interview programs and documentaries.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAT 345 - American Film Genres

This course examines key American film genres, both past and present, identifies their unique narrative and stylistic properties and shows their important economic, social, psychological and symbolic functions. Genres to be considered include westerns, musicals, horror films, science fiction films, the "woman's" film, detective films, African American films and sequels.

Credit Hours: 3 hrs

Prerequisite: CTAT 145 or department permission

Last Updated: Links 04/2011

CTAT 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAT 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAT 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAT 387 - Cooperative Education in Radio-TV-Film

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 1 hr

Prerequisite: nine hours in concentration, approval by Cooperative Education Office and department permission

CTAT 388 - Cooperative Education in Radio-TV-Film

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 2 hrs

Prerequisite: nine hours in concentration, approval by Cooperative Education Office and department permission

CTAT 389 - Cooperative Education in Radio-TV-Film

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: nine hours in concentration, approval by Cooperative Education Office and department permission

CTAT 431 - Advanced Radio Production and Direction

A continuation of CTAT 331. Advanced theory and practical experience in production of longer, more complex dramatic and nondramatic material for radio.

Credit Hours: 3 hrs

Prerequisite: CTAT 130 and CTAT 132

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAT 432 - Advanced Television Production and Direction

Principles, practices, and techniques of directing and producing dramatic and entertainment-style material for television. Major television formats are discussed and analyzed. Blue screen applications are explored. In-depth practical experience is provided for each student. Laboratory fee.

Credit Hours: 3 hrs

Prerequisite: CTAT 332 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Description Change 10/2012, effective Winter 2013; Graduate Credit 07/2011; Links 04/2011

CTAT 433 - Advanced Electronic Moviemaking

This course guides students through the intensive process of pre-production and production management. Emphasis will be placed on traditional single-camera, film-style production, employing multiple set-ups and professional level procedures and techniques.

Credit Hours: 3 hrs

Prerequisite: CTAT 333 and department permission

Last Updated: Description Change 10/2012, effective Winter 2013; Links 04/2011

CTAT 434 - Documentary Film Production (NEW COURSE)

This course covers the theory, aesthetics, process, and content of documentary film production. While completing a short documentary film working in an Academic Service Learning capacity with a non-profit organization in southeast Michigan, students will learn the necessary steps for research, content development, pre-production, production, filming concerns, post-production, and editing.

Credit Hours: 3 hrs

Prerequisite: CTAT 332 or CTAT 333

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

CTAT 444 - Dramatic Scriptwriting for Visual Media

This course introduces the fundamentals, both form and content, of writing fiction for the screen. Principles and conventions of episodic drama, situation comedy, made-for-TV movies, and full-length films will be covered. Models of excellence will be viewed and discussed. Students will be assigned several writing exercises and will write an original 30-minute script.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Last Updated: Links 04/2011

CTAT 445 - Film Theory and Criticism

An intensive study of the key theories of film structure, historical development and sociological function. Emphasis upon theories of editing, auteur criticism, genres and textual analysis.

Credit Hours: 3 hrs

Prerequisite: CTAT 145

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAT 446 - Contemporary Problems in Electronic Media

A study of contemporary issues and problems affecting the electronic media industries, including cultural influences, programming, new technologies, government regulation and research.

Credit Hours: 3 hrs

Prerequisite: CTAT 130

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAT 447 - Radio-Television Station Management

Study of station management in the areas of advertising, programming, personnel, applied research and public relations.

Credit Hours: 3 hrs

Prerequisite: CTAT 130

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAT 487 - Internship in Radio-TV-Film

One semester of practical, on-the-job work experience and training (10 hours per week minimum) at select on-campus or off-campus facilities.

<http://www.emich.edu/cta/opp-career.html>

Credit Hours: 1 hr

Prerequisite: 20 hours of concentration courses and department permission

CTAT 488 - Internship in Radio-TV-Film

One semester of practical, on-the-job work experience and training (10 hours per week minimum) at select on-campus or off-campus facilities.

<http://www.emich.edu/cta/opp-career.html>

Credit Hours: 2 hrs

Prerequisite: 20 hours of concentration courses and department permission

CTAT 489 - Internship in Radio-TV-Film

One semester of practical, on-the-job work experience and training (10 hours per week minimum) at select on-campus or off-campus facilities.

<http://www.emich.edu/cta/opp-career.html>

Credit Hours: 3 hrs

Prerequisite: 20 hours of concentration courses and department permission

CTAT 495 - Capstone Experience

Credit Hours: 3 hrs

Last Updated: Created 07/2011

CTAT 497 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

CTAT 498 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAT 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Theatre and Educational Drama

CTAR 106 - Introduction to the Performing Arts (Gen Ed Area IV)

A survey of the arts of dance, theatre and music, developing an understanding and appreciation of representative works in the three fields. The place of these arts in contemporary society and their contribution to a richer life receive special emphasis. Attendance required at specific on-campus performances. Not open to those with credit in MUSC 106/DANC 106.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAR 106 Introduction to Performing Arts

Introduction to the Performing Arts meets the general education requirement for Arts in the knowledge of the disciplines. The performing arts provide knowledge about the world and ways of experience it that contribute to an understanding that is both unique and different from those gained through other disciplines. The arts present insights about personal experiences common to us all- experiences such as birth, love, conflict and death. They also convey cultural meanings and values, such as patriotism and war. In the arts, personal and cultural meanings go far beyond the enjoyment of beauty. The arts convey knowledge and meaning not learned through the study of other subjects. In this course, students will learn how the performing arts convey personal and cultural meaning in lived space and time through qualities such as movement and sound that are unique to dance, music and theatre, they will discover the rich and unique ways that meaning in the performing arts takes shape in specific mediums, genres and styles.

Last Updated: Links 06/2011

CTAR 140 - Script Analysis for Theatre Artists

This course concentrates on the techniques of analyzing dramatic texts for theatre students prior to their approach to characterization, conceptualization, and creation of a tangible visual score for a play.

Credit Hours: 3 hrs

Last Updated: New Course 02/2012, effective Fall 2012

CTAR 150L - Introduction to Theatre (Gen Ed Area IV)

A lecture-demonstration course with the purpose of fostering appreciation of theatre through an understanding of its production components, its forms and styles, and its historical development. Attendance required at select EMU theatre productions. Required of theatre arts majors and minors.

Credit Hours: 3 hrs

Notes: This course will count as credit for Learning Beyond the Classroom.

Area IV: Knowledge of the Disciplines

CTAR 150L Introduction to Theatre (also fulfills Area V #3 Group C)

Theatre is an integral component of human experience. The study of theatre promotes reflection, collaboration and individual expression. As a reflector of cultural traditions, theatre illuminates customs, mores and behaviors. As a collaborative endeavor it encourages both critical and creative thinking. As a method of individual expression it facilitates the articulation of intellectual and emotional experience. Since theatrical production involves literature, music, movement and design it is an ideal vehicle for the study of the arts.

CTAR 151 - African American Theatre: An Introduction (Gen Ed Area III)

An introductory survey of the roots, purposes and contemporary manifestations of theatre and drama reflecting the African American experience. Emphasis will be placed on the reading, analysis and discussion of representative African American plays.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

CTAR 151 African American Theatre: An Introduction

CTAR 151- African American Theatre is a study of African American drama and theatre arts in the United States and its evolution from the nineteenth century to contemporary expressions. In examining African American drama and theatre arts from historical and contemporary viewpoints, through reading, viewing, discussion and writing about plays, the course also compares and contrasts the African American experience with other cultural groups in the United States. This Afrocentric approach to drama and theatre arts develops an appreciation for "ideas, concepts, events, personalities and political and economic process from a standpoint of black people as subjects, and not as objects, basing all knowledge on the authentic interrogation of *location*." In this course, students will further read, view, discuss and write about plays applying the concepts of Afrocentric perspective, dispelling stereotypes, theatre production, script analysis and specific examples. CTAR151 meets the U.S. diversity requirement of general education because it uses the African Americans' experiences in the plays read, and the participants' contributions to drama and theatre arts, as a means to explore the diversity of the American experience. This course provides students with a multicultural perspective on the development of American drama and theatre arts, and also exposes them to the diversity of the American condition, which is often ignored. Students are encouraged by this course to continue their pursuit of critical-thinking discussion and writing skills, as well as developing an increased appreciation for African American drama and theatre arts. When Afrocentric productions are presented on campus, students will be required to see a live theatrical production.

CTAR 152 - Technical Theatre: Scenery and Lighting

The comprehensive study and application of design fundamentals and basic technology for theatrical scenery and lighting.

Credit Hours: 3 hrs

CTAR 153 - Technical Theatre: Costume and Makeup

The comprehensive study and application of design fundamentals and basic technology for theatrical costuming and makeup.

Credit Hours: 3 hrs

CTAR 155 - Producing Theatre

A comprehensive introduction to theatrical production organization: business management, direction and technical production. Laboratory hours by appointment.

Credit Hours: 3 hrs

Prerequisite: CTAR 150L strongly recommended for majors and minors

Last Updated: Links 04/2011

CTAR 157 - Beginning Acting

This course is designed for nontheatre majors desiring basic knowledge and practice of acting skills as related to the stage. Nonmajors will gain experience in self-awareness, relationships, character analysis, improvisation, scene study and acting exercises. Attention will be given to overcoming stage fright. For nontheatre majors only.

Credit Hours: 3 hrs

CTAR 158 - Fundamentals of Acting (Gen Ed Area IV)

A study of the fundamental theories and techniques of acting. Major emphasis on theatre acting, but consideration given to radio and television acting. Laboratory hours by arrangement.

Credit Hours: 3 hrs

Area IV: Knowledge of the Discipline

CTAR 158 Fundamentals of Acting

Theatre is central to reflecting and critiquing the human condition. Acting is a vital and core component of this discipline. This course enhances an appreciation of acting as art form, and develops fundamental knowledge and abilities necessary both to the craft of acting and other professions where proficiency in self-expression and clear communication are deemed valuable. Students learn to analyze the physical, cultural and emotional lives of characters in order to create honest portrayals for both peers and audience. This examination and reflection of the human condition engenders enthusiasm for continued pursuit of knowledge and learning as well as an increased appreciation of the arts.

CTAR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV)

A study of dramatic experience as intrinsic in human development. An introduction to spontaneous dramatic games and exercises as a way of sharpening imagination, deepening interpersonal relations and strengthening individual identity. Integration of such experience in learning and growth is emphasized.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CTAR 222 Drama & Play in Human Experience

Theatre reflects, challenges and celebrates the human experience. The first stepping-stones to understanding the human experience and the art of theatre reside universally in childhood. Here we learn and practice our ability to imitate others, transform reality and create meaning from our lives. Theatre artists use the same fundamental skills learned in childhood to create theatre productions. CTAR222 demystifies the theatre experience by directly teaching this relationship between play in childhood and theatre through participation in games and dramatic activities, lectures, readings, papers, journals, theatre attendance and participatory projects. This demystification process will reawaken skills in students that have often been buried or discarded in adulthood and provide students with the vocabulary to talk about their own and others dramatic experience. A critical viewpoint for analysis and a historical context of both play and theatre is founded on Aristotle's six elements of drama: (1)plot, (2) character, (3) thought (or theme), (4) dialogue, (5) rhythm, and (6) spectacle. As students develop skills in identifying and using these elements, their ability to generate and understand creative theatre products will increase.

CTAR 227 - Grant Writing for the Arts

This course provides students with the knowledge and skills needed to be successful in the development and submission of proposals to public and private funding agencies in support of arts and cultural programs. In this class students develop contemporary grant writing skills by participating in all phases of the grant process from research to program assessment.

Credit Hours: 2 hrs

Last Updated: Course active; 03/2012

CTAR 251 - African American Theatre: Creative Problems

A practical consideration of those creative aspects of the theatre production particular to African American theatre. Emphasis will be placed on the presentation of scenes from African American theatre.

Credit Hours: 3 hrs

CTAR 252 - Stagecraft: Scenery & Props

An intermediate exploration of stagecraft practices related to scenery and props for the entertainment industry. The course will explore scenic construction, interpreting technical drawings, and properties techniques. Emphasis will be placed on the use of tools and technology and their practical application.

Credit Hours: 3 hrs

Prerequisite: CTAR 152

Previously Listed As: CTAR 252 - Stagecraft

Last Updated: Course Revision 02/2012, effective Fall 2012; Links 04/2011

CTAR 253 - Stagecraft: Lighting & Sound

An intermediate exploration of stagecraft practices related to lighting and sound for the entertainment industry. The course will explore lighting design/technology and sound design/engineering. Emphasis will be placed on equipment use and practical application through projects.

Credit Hours: 3 hrs

Prerequisite: CTAR 152

Last Updated: New Course 02/2012, effective Fall 2012

CTAR 254 - Stage Makeup

The theory and techniques of theatrical makeup. Laboratory hours to be arranged.

Credit Hours: 1 hr

CTAR 256 - Costume Construction and Crafts

A study and application of the techniques and materials associated with costume construction and crafts.

Credit Hours: 3 hrs

Prerequisite: CTAR 153 or permission of instructor

Last Updated: New Course 02/2012, effective Fall 2012

CTAR 258 - Movement for Actors

This is a performance-oriented survey of techniques exploring styles, history and theory of movement for actors. The class will include physical preparation, preparation of production materials, scripting movement design and actual performance.

Credit Hours: 3 hrs

CTAR 277 - Special Topic: Portfolio Development

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studies.

Credit Hours: 1 hr

Notes: This course is temporary; it is serving as a place holder for CTAR 268 which is currently going through the course approval process. This course will be deleted following the approval of CTAR 268, and CTAR 268 will be added in its place.

Last Updated: New Temporary Course 08/2012

CTAR 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAR 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAR 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAR 300 - Integrated Arts

This course will expose students to multiple strategies on how to use the arts (drama, dance, music and visual arts) as means of fostering greater comprehension of any subjects within non-art disciplines.

Credit Hours: 3 hrs

Prerequisite: ARTE 220, DANC 220, MUSC 220

Major Restrictions: Elementary Education (all concentrations) and Special Education students only

Last Updated: Links 04/2011

CTAR 313 - Contemporary Issues in Arts Management

The influence of *Arts and Entertainment* in the economy, education, public policy and regional planning are critical to the growth of this discipline. Contemporary Issues allows students to develop a broad array of skills and knowledge in this uniquely diverse field.

Credit Hours: 3 hrs

Prerequisite: departmental or instructor permission required

Last Updated: New Course 06/2011, effective Fall 2011

CTAR 317 - Case Studies in Arts Management

This is a course that shares the benchmark events, artists and organizations that form the history of American arts management. In-depth study in specific subject areas such as the Creative Economy, Artist Live Work Spaces or Public Art Management will be covered. Specific subject areas will change each semester.

Credit Hours: 3 hrs

Prerequisite: department or instructor permission required

Last Updated: New Course 06/2011, effective Fall 2011

CTAR 322 - Theatre for Children

An introductory study of the development, philosophy and techniques of theatre for the young.

Credit Hours: 3 hrs

CTAR 323 - Improvising and Role-Play

Exploration of spontaneous dramatic play through intensive exercise and dramatic games meant to generate greater individual freedom and self-discipline, as well as to expand resources and techniques for teaching and directing.

Credit Hours: 3 hrs

CTAR 324 - Oral Interpretation of Children's Literature

Selection and evaluation of literature for oral interpretation with and for young people. Focus is on the use of narrative prose and folktales.

Credit Hours: 3 hrs

CTAR 326 - Drama/Theatre for Persons with Disabilities

Study of principles, theories and practices of developmental drama/theatre as related to physically challenged persons. Application to educational, recreational and institutional settings stressed.

Credit Hours: 2 hrs

CTAR 327 - Plays for the Young

A study of dramatic literature for the young from developmental and artistic viewpoints in the total educational experience of children and adolescents.

Credit Hours: 3 hrs

CTAR 329 - Performing Theatre for the Young

Students will gain practical experience in play development and performance for young audiences. A theatre production designed for touring will be performed at area schools and other community sites.

Credit Hours: 3 hrs

CTAR 351 - Scene Design

The history of design in terms of stage scenery; an investigation of current trends, techniques and media of scene design and the practical execution of models and sketches by the student.

Credit Hours: 3 hrs

Prerequisite: CTAR 252, CTAR 155 or department permission

Last Updated: Links 04/2011

CTAR 355 - Play Direction

An intensive study of the process of directing plays. Whenever possible, students in the course will direct a one-act play for public presentation. Laboratory hours by arrangement.

Credit Hours: 3 hrs

Prerequisite: CTAR 155 or department permission

Last Updated: Links 04/2011

CTAR 358 - Characterization

The creation of character and characterization by the actor. Analysis, development and performance of roles studied in depth.

Credit Hours: 3 hrs

Prerequisite: CTAR 157 or CTAR 158

Last Updated: Links 04/2011

CTAR 360 - Playwriting

An examination of the elements of dramatic structure through the analysis and composition of works of varying scope. Emphasis on adult plays for the stage; the special problems of drama for children and for the various broadcast media also considered.

Credit Hours: 3 hrs

Prerequisite: department permission

Previously Listed As: CTAR 360 Dramatic Composition

Last Updated: Title change 5/2012

CTAR 361 - Dramatic Writing

Intensive concentration on the writing of a significant example of adult or children's drama for the stage or the broadcast media.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAR 362 - Lighting Design: Stage and Beyond

The theory and practice of lighting design, primarily for the stage, but also in areas of dance, entertainment design, architectural lighting, music, clubs and restaurant lighting design. Topics will include basic electrical theory, lighting instruments, lighting consoles and dimmers, color theory, drafting light plots, and practices in stage lighting.

Credit Hours: 3 hrs

Prerequisite: CTAR 152

Last Updated: Links 04/2011

CTAR 363 - Stage Costume: History and Theory

A survey of the principles and practices of stage costuming from antiquity to the present.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAR 364 - Stage Costume: Design and Construction

The fundamentals of designing theatrical costumes and a study of specific construction problems found in the making of period costumes.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAR 370 - Audition

Intensive study in the preparation of audition material for a wide range of stylistic demands that exist within the professional theatre.

Credit Hours: 3 hrs

Prerequisite: CTAR 157, CTAR 158, CTAR 358, CTAR 380 or CTAR 464

Previously Listed As: CTAR 457

Last Updated: Number change 5/2012; Links 04/2011

CTAR 377 - Special Topic: Applied Design & Technology I

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Notes: This course is temporary; it is serving as a place holder for CTAR 368 which is currently going through the course approval process. This course will be deleted following the approval of CTAR 368, and CTAR 368 will be added in its place.

Last Updated: New Temporary Course 08/2012

CTAR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAR 380 - Musical Theatre Acting

Analysis and application of the performance skills needed by the actor/singer in musical theatre.

Credit Hours: 2 hrs

Prerequisite: nine hours in theatre arts or department permission

Previously Listed As: CTAR 461

Last Updated: Course Number Change 04/2012, effective Fall 2012; Graduate Credit Removal 04/2012; Graduate Credit 07/2011

CTAR 387 - Cooperative Education in Arts Management

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 1 hr

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAR 388 - Cooperative Education in Arts Management

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 2 hrs

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAR 389 - Cooperative Education in Arts Management

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: nine credit hours in concentration, approval by Cooperative Education Office and department permission

CTAR 396 - Career Seminar

This course will address challenges inherent to pursuing a career in the professional theatre. Students will conduct comprehensive and unified investigations of job opportunities, professional unions, and networking skills within the profession in general and relevant to unique specializations.

Credit Hours: 2 hrs

Class Restrictions: Junior standing or higher, or department permission

Previously Listed As: CTAR 496 - Senior Seminar

Last Updated: Course Revision 02/2012, effective Fall 2012

CTAR 421 - Musical Theatre Styles

Musical Theatre Styles is a performance course in which students address specific genre, style, or specific period of Musical Theatre with regard to performance. Students match their existing skills and talents with the chosen genre, style, or period through research, presentations, rehearsal and technique development - culminating in a showcase performance for an invited audience.

Credit Hours: 2 hrs

Prerequisite: CTAR 380; department permission

Notes: This course may be repeated for credit.

Last Updated: Links 04/2011

CTAR 426 - Fund Raising in the Arts

Fund Raising in the Arts provides a comprehensive analysis of what students need to know about securing donations for Non-profit Art Organizations. Units include: managing the giving process, securing the gift, relationship building, donor research, volunteer involvement, and ethical accountability.

Credit Hours: 2 hrs

Class Restrictions: Sophomore, Junior or Senior standing

CTAR 427 - Grant Writing for the Arts

This course provides students with the knowledge and skills needed to be successful in the development and submission of proposals to public and private funding agencies. In this class students develop contemporary grant writing skills by participating in all phases of the grant process from research to program assessment.

Credit Hours: 2 hrs

CTAR 429 - History and Theory of Developmental Drama/Theatre

An introductory study of the history and theory of developmental drama/theatre. Students will become familiar with the current thinking of major practitioners in the field of developmental drama/theatre and consider the current research that involves the development of new or the validation of existing knowledge relating to history and/or theory of developmental drama/theatre.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAR 450 - History of the Theatre to 1642

This course provides a culturally based survey of historical trends in world theatre, from antiquity to 1642. Specific attention will be paid to performance style, production practice, theatre architecture and dramatic literature. The course will investigate how theatre both reflects and has evolved via respective historical periods.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

CTAR 451 - History of the Theatre 1642 to the Present

This course provides a culturally based survey of historical trends in world theatre, from 1642 to the present. Specific attention will be paid to performance style, production practice, theatre architecture and dramatic literature. The course will investigate how theatre both reflects and has evolved via respective historical periods.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

CTAR 452 - Arts Management

A study of managerial practices of arts organizations and agencies. Emphasis on facility planning, personnel, income sources, promotion, budget development and management.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAR 453W - Marketing the Arts (Gen Ed Area I, W)

Relates traditional marketing practices to arts administration and provides experience in applying marketing skills to the arts. The study of marketing in the arts and information relating to past market analysis; research and preparation of a specific market plan for an arts organization; presentation of market plan.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAR 454 - Law, Public Policy and the Arts

Examination of the impact of public policy and law on arts organizations and the individual artist. Particular attention is paid to tax policy, copyright, arts advocacy and contract law.

Credit Hours: 3 hrs

Prerequisite: 12 hours in arts management or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAR 455W - Dramaturgy (Gen Ed Area I, W)

Theoretical and applied investigation of dramatic texts in historical, literary and performative contexts as it contributes to collaborative production of theatre. Special attention will be given to research strategies, modes of textual analysis, genres of writing for/about theatre and dramaturgy's utility within various aspects of production.

Credit Hours: 3 hrs

Prerequisite: CTAR 450 or CTAR 451 or department permission

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAR 462 - Directors on Directing

Study of select, noted stage directors past and present.

Credit Hours: 2 hrs

Prerequisite: CTAR 355 and nine hours in theatre arts or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAR 463 - The American Musical Stage

Character, production, style in the American musical including concept musicals, operetta, golden age, rock, and musical revues. Historical survey and production workshop format.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or above

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CTAR 464 - Style for the Actor

This course will address the challenge of matching the actor's personal methods with a wide range of stylistic demands that exist in the theatrical repertory. The student will discover that acting means translating the text into a series of actions and that physical actions take on a particular shape or style in accordance with the given circumstances of the text.

Credit Hours: 3 hrs

Prerequisite: CTAR 158 or CTAR 157

Class Restrictions: Open to Senior, Junior and Graduate students with permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CTAR 471 - Musical Theatre Workshop

This course is a laboratory-performance course in which students prepare performances of landmark musicals. The course promotes the development of skills necessary for students to effectively address the technical and stylistic demands of musicals as defined by period or genre. Particular attention is given to contemporary performance standards in structured production. The class culminates in a public performance.

Credit Hours: 1 hr

Prerequisite: CTAR 380

Notes: May be repeated for credit.

Last Updated: Links 04/2011

CTAR 477 - Special Topic: Applied Design & Technology II

A continuation of CTAR 377 - Special Topic: Applied Design & Technology I.

Credit Hours: 1 hr

Notes: This course is temporary; it is serving as a place holder for CTAR 468 which is currently going through the course approval process. This course will be deleted following the approval of CTAR 468, and CTAR 468 will be added in its place.

Last Updated: New Temporary Course 08/2012

CTAR 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CTAR 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CTAR 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CTAR 487 - Internship in Arts Management

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: 20 credit hours of concentration courses and department permission

CTAR 488 - Internship in Arts Management

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAR 489 - Internship in Arts Management

One semester of practical, on-the-job work experience and training (four hours per week minimum) at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: 20 credit hours of concentration courses and department permission

CTAR 497 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

CTAR 498 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

CTAR 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

CTAR 504 - Performing Youth Literature

Emphasis on the study and practice of performing story, poetry, mythology, mythmaking and oral interpretation of adolescent literature for multi-age audiences.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

CTAR 522 - TIE: Theatre-in-Education

A study of the origin, principles and forms of TIE: Theatre-in-Education. Students will have opportunities to plan and evaluate TIE sessions.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

CTAR 523 - Puppetry: Catalyst in Human Development

Consideration of puppetry as a medium for learning and creative expression. Experience in constructing puppets for purposeful work with people. Examination of the applications of puppetry to many disciplines.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

CTAR 524 - Developmental Drama/Theatre for Persons with Disabilities

Study of principles, theories and practices of developmental drama/theatre for persons with disabilities. Applications to educational, recreational and institutional settings will be stressed.

Credit Hours: 2 hrs

CTAR 525 - Developmental Drama/Theatre in Recreational Settings

An exploration of the theory and practice of developmental drama/theatre in various recreational settings, such as camps, parks, community centers, Girl Scouts, 4-H Clubs.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

CTAR 528 - Developmental Drama/Theatre in Religion

Consideration of and experience in uses of developmental drama/theatre for various religious settings and purposes.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

CTAR 565 - Studies in Educational Drama and Theatre

Studies and practice of significant trends, movements and theory in educational drama and theatre.

Credit Hours: 3 hrs

Prerequisite: CTAR 322 or CTAR 323 or CTAR 501 or CTAR 504 or CTAR 529 or CTAR 657 or CTAR 658

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

Computer Science Programs and Courses

Computer Science

Major

Computer Science - Applied Major

Successful completion of this major satisfies one of the requirements for graduation with a bachelor of science or bachelor of arts degree with a major in computer science. Graduates will be able to pursue advanced graduate degrees. The applied computer science major offers a mix of practice and theory that prepares students for career employment in computer science fields such as systems programming and analysis, software development and maintenance, as well as applications programming.

Computer Science Department Information:

Department Head: William McMillan
Department Contact: wcmillan@emich.edu
Website: <http://www.emich.edu/compsci/>

Adviser Information:

Adviser: Dr. Michael Zeiger
Phone: 734.487.3203
Email: mzeiger@emich.edu

Adviser: Pamela Moore
Phone: 734.487.3205
Email: pamela.moore@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 11 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 205 - Mathematical Structures for Computer Science 4 hrs
- MATH 360 - Statistical Methods 3 hrs

Major Requirements: 36 hours

Required Courses: 24 hours

- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs

- COSC 221 - Computer Organization I 3 hrs
- COSC 231 - Internet-based Computing 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs
- COSC 314 - Computational Discrete Structures 3 hrs
- COSC 341 - Programming Languages 3 hrs
- COSC 481W - Software Engineering and Senior Project (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 12 hours

Four courses from the following:

- COSC 315 - Symbolic Computing 3 hrs
- COSC 321 - Computer Organization II 3 hrs
- COSC 405 - Switching Theory 3 hrs
- COSC 421 - Systems Programming 3 hrs
- COSC 422 - Introduction to Microprocessors 3 hrs
- COSC 423 - Computer Operating Systems 3 hrs
- COSC 436 - Web Programming 3 hrs
- COSC 439 - Computing Network Principles 3 hrs
- COSC 444 - Foundations of Automata and Languages 3 hrs
- COSC 445 - Compiler Construction 3 hrs
- COSC 456 - Computer Graphics 3 hrs
- COSC 457 - Computer Game Programming 3 hrs
- COSC 461 - Heuristic Programming 3 hrs
- COSC 471 - Database Principles 3 hrs
- COSC 374 - Applied Cryptography 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Computer Science Major

The curriculum offers graduates an extensive background in the major fields of computer science. Graduates will have received the highest degree of preparation for either the pursuit of a graduate degree in the field, or for a career in the computer industry.

Computer Science Department Information:

Department Head: William McMillan
Department Contact: wcmillan@emich.edu
Website: <http://www.emich.edu/compsci/>

Adviser Information:

Adviser: Dr. Michael Zeiger
Phone: 734.487.3203
Email: mzeiger@emich.edu

Adviser: Pamela Moore
Phone: 734.487.3205
Email: pamela.moore@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Comprehensive Computer Science Curriculum Major: 77-81 hours

Required Courses: 39 hours

- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- COSC 221 - Computer Organization I 3 hrs
- COSC 231 - Internet-based Computing 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs
- COSC 314 - Computational Discrete Structures 3 hrs
- COSC 321 - Computer Organization II 3 hrs
- COSC 341 - Programming Languages 3 hrs
- COSC 423 - Computer Operating Systems 3 hrs
- COSC 439 - Computing Network Principles 3 hrs
- COSC 444 - Foundations of Automata and Languages 3 hrs
- COSC 471 - Database Principles 3 hrs
- COSC 481W - Software Engineering and Senior Project (Gen Ed Area I, W) 3 hrs

Elective Courses: 6 hours

Any 400-level computer science courses not already taken or select two from the list of courses below:

- COSC 315 - Symbolic Computing 3 hrs
- COSC 374 - Applied Cryptography 3 hrs

- COSC 405 - Switching Theory 3 hrs
- COSC 421 - Systems Programming 3 hrs
- COSC 422 - Introduction to Microprocessors 3 hrs
- COSC 436 - Web Programming 3 hrs
- COSC 445 - Compiler Construction 3 hrs
- COSC 456 - Computer Graphics 3 hrs
- COSC 457 - Computer Game Programming 3 hrs
- COSC 461 - Heuristic Programming 3 hrs

Mathematics Requirements: 17-18 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 205 - Mathematical Structures for Computer Science 4 hrs
- MATH 360 - Statistical Methods 3 hrs

One course from the following:

- Any 200- or higher level course offered by the Mathematics Department not oriented specifically toward a teaching specialization (3 hrs)
- MATH 121 - Calculus II 4 hrs

Science Requirements: 15-18 hours

Four science classes are required.

1. Three of these (with prefix BIOL, CHEM, PHY, or ESSC) must be intended for majors in their respective disciplines, with two classes having the same prefix (e.g., CHEM) and being in sequence.

The various sequences are:

- BIO 110 followed by BIO 120
- CHEM 121/CHEM 122 followed by either CHEM 123/CHEM 124 or CHEM 125/CHEM 126
- ESSC 110 followed by ESSC 111
- PHY 223 followed by PHY 224

2. The third class intended for majors must have a different prefix (e.g., if the sequence of two were in CHEM, the third would be in BIOL, ESSC, or PHY).

3. Additionally, a fourth science class is required. This class need not be intended for majors in that discipline. This fourth course should have a prefix of BIOL, CHEM, PHY, or PSY (not ESSC).

Option I: Biology

- An additional course from the Biology, Chemistry, Physics or Psychology department. This course need not be intended for majors in that discipline (3-5 hrs)
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs

Option II: Chemistry

- An additional course from the Biology, Chemistry, Physics or Psychology department. This course need not be intended for majors in that discipline (3-5 hrs)
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

Select one of the following options:

- CHEM 123 - General Chemistry II 3 hrs
and
 - CHEM 124 - General Chemistry II Laboratory 1 hr
- or
- CHEM 125 - Honors General Chemistry II (Lecture) 3 hrs
and
 - CHEM 126 - Honors General Chemistry II (lab) 1 hr

Option III: Geology

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs

Option IV: Physics

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Computer Science Minor

Successful completion of this minor satisfies one of the requirements for graduation with a bachelor of science or a bachelor of arts degree. Students pursuing majors in other fields such as mathematics, the physical and social sciences, the arts or business will learn the practical tools for applying current computer technology to their major areas of study.

Computer Science Department Information:

Department Head: William McMillan
Department Contact: wcmillan@emich.edu
Website: <http://www.emich.edu/compsci/>

Adviser Information:

Adviser: Dr. Michael Zeiger
Phone: 734.487.3203
Email: mzeiger@emich.edu

Adviser: Pamela Moore
Phone: 734.487.3205
Email: pamela.moore@emich.edu

Required Courses: 15 hours

- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- COSC 221 - Computer Organization I 3 hrs
- COSC 231 - Internet-based Computing 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs

Restricted Elective Courses: 6 hours

Two courses from the following:

- COSC 314 - Computational Discrete Structures 3 hrs
- COSC 315 - Symbolic Computing 3 hrs
- COSC 321 - Computer Organization II 3 hrs
- COSC 341 - Programming Languages 3 hrs
- COSC 374 - Applied Cryptography 3 hrs
- COSC 405 - Switching Theory 3 hrs

- COSC 421 - Systems Programming 3 hrs
- COSC 422 - Introduction to Microprocessors 3 hrs
- COSC 423 - Computer Operating Systems 3 hrs
- COSC 436 - Web Programming 3 hrs
- COSC 439 - Computing Network Principles 3 hrs
- COSC 444 - Foundations of Automata and Languages 3 hrs
- COSC 445 - Compiler Construction 3 hrs
- COSC 456 - Computer Graphics 3 hrs
- COSC 457 - Computer Game Programming 3 hrs
- COSC 461 - Heuristic Programming 3 hrs
- COSC 471 - Database Principles 3 hrs
- COSC 481W - Software Engineering and Senior Project (Gen Ed Area I, W) 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Computer Science Education Minor

Successful completion of this program, in conjunction with other teacher education requirements, qualifies students for recommendation for endorsement in computer science, certification code NR and an additional endorsement dependent on the major selected. The Michigan Test for Teacher Certification (MTTC) covering this field is #050, "Computer Science."

Students must be accepted into the Initial Teacher Preparation Program before enrolling in COSC 342 - Programming Languages for Educators, COSC 303 - Applications in Computer Science and COSC 306 - Methods of Teaching Computer Science in the Secondary Schools.

Computer Science Department Information:

Department Head: William McMillan
 Department Contact: wmcmillan@emich.edu
 Website: <http://www.emich.edu/compsci/>

Adviser Information:

Adviser: Zenia Bahorski
 Email: zbahorski@emich.edu
 Phone: 734.487.0270

Adviser: Pamela Moore
Email: pamela.moore@emich.edu
Phone: 734.487.3205

Additional Requirements: 3 hours

- COSC 306 - Methods of Teaching Computer Science in the Secondary Schools 3 hrs

Required Courses: 21 hours

- COSC 101 - Computer Science Concepts and Practical Applications 3 hrs
- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- COSC 221 - Computer Organization I 3 hrs
- COSC 303 - Applications in Computer Science 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs
- COSC 342 - Programming Languages for Educators 3 hrs

Minor Total: 24 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Computer Science

COSC 101 - Computer Science Concepts and Practical Applications

The course emphasizes the uses and capabilities of computers in our society. Students will be exposed to several popular applications through hands-on lab activities. No previous experience with computers is assumed.

Credit Hours: 3 hrs

Notes: Counts toward the computer science minor if taken prior to or concurrently with COSC111 Introduction to Programming.

COSC 104 - Web Science (NEW COURSE)

Empirical study of the global, emergent systems facilitated by the World Wide Web. Computing infrastructure that enables entities to interact and share information via dynamic, virtual systems. Theoretical foundations such as chaotic and complex systems, computational thinking, and virtual interaction spaces. Empirical methods. Forming hypotheses from general principles and testing them through data collection and analysis.

Credit Hours: 3 hrs

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

COSC 105 - Everyday Computing and Social Responsibility

Two hours lecture/discussion, two hours lab. This course combines extensive exploration of ethical issues faced by everyday computer users with hands-on practice using a broad variety of online and computer productivity tools to support socially responsible computer use.

Credit Hours: 3 hrs

COSC 106 - Explorations in Robotics (Gen Ed Area II)

Introduction to the theory of robotics and autonomous agents. Students will be exposed to technical and social aspects of robots in society. Students will complete selected readings, write several short papers and design and program simple robots. Rudiments of computer science topics as applied to robotics will be covered.

Credit Hours: 3 hrs

Last Updated: Gen Ed Approval 11/2009, effective Winter 2010

COSC 111 - Introduction to Programming

An introduction to computers, programming, algorithm development and a high-level language such as Java. In particular, strategies for problem solving, problem analysis, algorithm representation and algorithm verification are balanced with actual program development using good design and documentation techniques. The first course in the computer science major and minor, but open to all students.

Credit Hours: 3 hrs

Prerequisite: MATH 104 or equivalent

Last Updated: Links 04/2011

COSC 120 - Computational Principles for Mathematics and the Sciences

A hands-on introduction to programming and computational principles; use of programming and mathematical modeling to solve computational problems. Variables, types, data imprecision, arrays, conditionals, iteration, functions, recursion, file I/O, scripting, and documentation. Data analysis simulation and visualization. MATLAB or similar environment.

Credit Hours: 3 hrs

Prerequisite: (MATH 105 and MATH 107) or (MATH 112) or (MATH 107 and MATH 210) or placement*

Notes: *Math placement exam level 5 (ACT math \geq 26, SAT math \geq 640, MPT3 \geq 73)

Last Updated: Placement scores 01/2012; Links 04/2011

COSC 145 - Introduction to FORTRAN Programming

An introductory course for persons wishing to learn programming and applications of computers. Using the FORTRAN language, students develop and run programs to solve a variety of problems.

Credit Hours: 3 hrs

Prerequisite: minimum ACT score of 19, minimum SAT score of 520 or math placement test in elementary algebra greater than or equal to 53

Major Restrictions: Does not count toward Computer Science Major or Minor

Notes: Credit will not be given for more than one of COSC145 and COSC245.

COSC 146 - Applied Programming

Introduction to computer programming for the non-major. Introduces students to integrated development environments such as Visual Basic and other application tools. Students work in a combination of lectures and supervised computer labs.

Credit Hours: 3 hrs

Major Restrictions: Does not count towards the Computer Science Minor, Major or Curriculum

COSC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

COSC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

COSC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

COSC 205 - Computer Hardware and Software Systems

An applied introduction to computers including: computer hardware, operating systems, Web design, networking, trouble shooting and maintenance of computers. Lab projects include: Taking apart computers, installing operating systems, building a network and creating a web page.

Credit Hours: 3 hrs

Prerequisite: CADM 105 or COSC 101

Last Updated: Links 04/2011

COSC 211 - Programming Data Structures

The second course in an introductory sequence for the computer science major, minor and others. Continues software engineering methodology through specification, design, coding and program correctness. Nested procedures and functions, scope and recursion. Introduction to data structures such as stacks, queues, linear lists, trees, sets and files. Analysis of sorting and searching algorithms.

Credit Hours: 3 hrs

Prerequisite: COSC 111

Last Updated: Links 04/2011

COSC 215 - Scientific Simulation

An introductory, non-calculus based, interdisciplinary course in simulation for the sciences, gaming, and engineering. Modeling dynamically changing systems. Approximations and errors. Single scale and multi-scale models. Grid and particle systems. May be team taught by faculty in computer science, physics, chemistry, earth science, biology and others.

Credit Hours: 3 hrs

Prerequisite: (PHY 221 or CHEM 117 or ESSC 110 or BIO 105) and (COSC 111 or COSC 246)

Last Updated: Links 04/2011

COSC 221 - Computer Organization I

Introduces students to basic concepts of computer hardware and organization including: computer structure, machine language, instruction execution, traps and interrupts, digital representation of data, computer systems organization, elementary digital circuits, including memory and arithmetical. Students will write several programs in an assembly language simulator.

Credit Hours: 3 hrs

Prerequisite: COSC 111, COSC 145, COSC 245 or IS 219 or permission of the School of Engineering Technology

Course Revisions:

Course Revisions: This course will have a prerequisite change from "COSC 111, COSC 145, COSC 245 or IS 219 or permission of the School of Engineering Technology" to "COSC 111 or COSC 146 or COSC 246", effective Winter 2013. The course revision also includes a course description change.

Last Updated: Change in description and prerequisites 06/2012, effective Winter 2013; Links 04/2011

COSC 231 - Internet-based Computing

Programming for the Internet, including GUI design and development, event-driven programming, web page design and construction, programming for current Internet and Web technologies. Ethical issues on the Internet.

Credit Hours: 3 hrs

Prerequisite: COSC 111

Concurrent Prerequisite: COSC 211

Last Updated: Links 04/2011

COSC 245 - Computer Programming and Numeric Methods

An introductory programming course focusing on numerical algorithms fundamental to scientific computer work. Discussion of polynomial interpolation, numerical integration, solutions of systems of equations and error analysis. Using the FORTRAN language, students develop and run programs to solve a variety of problems.

Credit Hours: 3 hrs

Concurrent Prerequisite: MATH 121

Major Restrictions: Does not count toward Computer Science Major or Minor

Notes: Credit will not be given for more than one of COSC 145 and COSC 245

Last Updated: Links 04/2011

COSC 246 - Programming in C++

Introduction to computers, programming techniques and integrated development environments using C and C++. Students work in a combination of lectures and supervised computer labs. Emphasis is on problem solving using good design principles and documentation techniques. Does not count towards the computer science minor, major or curriculum.

Credit Hours: 3 hrs

Prerequisite: COSC 101, COSC 111, COSC 145, COSC 146, MATH 105, MATH 107, MATH 118, MATH 119, MATH 120, an ACT score of 26, a minimum SAT score of 640 or math placement test in elementary algebra greater than or equal to 73

Last Updated: Links 04/2011

COSC 255 - Computer Hardware and Software Systems

An applied introduction to computers including: computer hardware, operating systems, web design, networking, trouble shooting and maintenance of computers. Lab projects include: Taking apart computers, installing operating systems, building a network, and creating a web page.

Credit Hours: 3 hrs

Prerequisite: CADM 105 and COSC 101

Last Updated: Links 04/2011

COSC 277 - Special Topics

A 200-level course in a specific area of computer science, to be determined by the field of specialization of the instructor and the interest of the students.

Credit Hours: 1 hr

COSC 278 - Special Topics

A 200-level course in a specific area of computer science, to be determined by the field of specialization of the instructor and the interest of the students.

Credit Hours: 2 hrs

COSC 279 - Special Topics

A 200-level course in a specific area of computer science, to be determined by the field of specialization of the instructor and the interest of the students.

Credit Hours: 3 hrs

COSC 303 - Applications in Computer Science

Information systems, simulation, graphics, audio communication, artificial intelligence, instruction and training, and communications. The student will write or use previously written programs in each of the above areas using microcomputers. These programs will use many languages and programs including LOGO, PASCAL, BASIC, electronic spreadsheet and a database program.

Credit Hours: 3 hrs

Prerequisite: COSC 101 and COSC 211

Class Restrictions: Junior standing

Last Updated: Links 04/2011

COSC 306 - Methods of Teaching Computer Science in the Secondary Schools

Computer science programs in the high school, information and materials needed to prepare students for the teaching of computer science in these schools. Organization and content, methods of teaching and learning, security and maintenance of equipment, professional journals and magazines available for future growth, copying software and the legality of software duplication, dealing with diversity of abilities, problem-solving skills and strategies for debugging programs. This methods class does not count toward the major or minor.

Credit Hours: 3 hrs

Prerequisite: COSC 342, CURR 305 and admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

COSC 311 - Algorithms and Data Structures

Linear lists, strings, arrays and orthogonal lists. Representation of trees and graphs. Storage systems, structures, storage allocation and collection. Symbol tables, searching and sorting techniques. Formal specification of data structures and data management systems.

Credit Hours: 3 hrs

Prerequisite: COSC 211 and COSC 221

Last Updated: Links 04/2011

COSC 314 - Computational Discrete Structures

Relations and algebraic structures, counting techniques, graphs, automata and languages and number theoretical algorithms. This course emphasizes discrete mathematical algorithms, their applications to problems in computer science and their implementations.

Credit Hours: 3 hrs

Prerequisite: COSC 211 and MATH 205

Last Updated: Links 04/2011

COSC 315 - Symbolic Computing

Symbolic computations and graphic representations in a computer algebra system such as mathematical; design of interactive notebooks; extensive use of electronic communications; applications from various areas of computer science, mathematics and the natural sciences; oral presentation of a project in an electronic classroom is required; lectures (two hours) and supervised lab (two hours).

Credit Hours: 3 hrs

Prerequisite: COSC 111 and MATH 122

Last Updated: Links 04/2011

COSC 321 - Computer Organization II

Basic digital circuits, data representation and transfer, digital arithmetic. Digital storage and accessing, control functions, input-output facilities, systems organization, reliability, simulation techniques. Multiprogramming, multiprocessing and real-time systems.

Credit Hours: 3 hrs

Prerequisite: COSC 211 and COSC 221

Last Updated: Links 04/2011

COSC 341 - Programming Languages

Formal definition of programming languages; structure of statements; global properties of algorithmic languages; data description; run time representation of programs; procedural languages such as C or C++ and nonprocedural languages such as lisp or prolog.

Credit Hours: 3 hrs

Prerequisite: COSC 211 and COSC 221

Notes: Credit will not be given for both COSC 341 and COSC 342

Last Updated: Links 04/2011

COSC 342 - Programming Languages for Educators

Formal definition of programming languages; structure of simple statements; global properties of algorithmic languages; structure of list processing, string manipulation, data description and simulation languages; run-time representation of program and data structures. Special emphasis will be placed on education-oriented languages.

Credit Hours: 3 hrs

Prerequisite: COSC 211 and COSC 221

Notes: Credit will not be given for both COSC 341 and COSC 342

Last Updated: Links 04/2011

COSC 374 - Applied Cryptography

An introduction to cryptography and its relationship to secure systems. Making and breaking codes and ciphers. Encryption, authentication, public-key encryption, digital signatures, cipher text and plain text, block ciphers, hash functions, RSA, key management. Cryptographic protocols as a part of securing digital systems.

Credit Hours: 3 hrs

Prerequisite: (MATH 170 or MATH 205) and COSC 211

Last Updated: Links 04/2011

COSC 377 - Special Topics

Covers topics not considered in other courses when the immediate needs of the field, interests of the students and expertise of the faculty coincide.

Credit Hours: 1 hrs

Prerequisite: COSC 211, COSC 221 and department permission

Last Updated: Links 04/2011

COSC 378 - Special Topics

Covers topics not considered in other courses when the immediate needs of the field, interests of the students and expertise of the faculty coincide.

Credit Hours: 2 hrs

Prerequisite: COSC 211, COSC 221 and department permission

Last Updated: Links 04/2011

COSC 379 - Special Topics

Covers topics not considered in other courses when the immediate needs of the field, interests of the students and expertise of the faculty coincide.

Credit Hours: 3 hrs

Prerequisite: COSC 211, COSC 221 and department permission

Last Updated: Links 04/2011

COSC 388 - Cooperative Education in Computer Science

Four to six months of full-time employment at an industrial firm specially chosen to provide practical experience in computer science. The program consists of two work experiences (COSC388/COSC 488) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Any 300-level course in computer science; admittance to program by application; department permission

Class Restrictions: Junior or Senior standing

Major Restrictions: Computer Science Majors only

Notes: Graded on a credit/no-credit basis

Last Updated: Links 04/2011

COSC 403 - Seminar and Project Design for Educators

Major project design and more formalized, structured programming. Each student will work on two original major programs, one of which will be a group project. The student will report on both projects (written and oral) and give a formal presentation of the individual project to the University community in the form of a public lecture.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and COSC 342

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate credit 07/2011; Links 04/2011

COSC 405 - Switching Theory

Switching algebra, gate network and sequential circuit analysis and synthesis. Boolean algebra, sequential circuit state and combinational circuit minimization, hazards and races, elementary number systems and codes.

Credit Hours: 3 hrs

Prerequisite: COSC 211 and COSC 221

Class Restrictions: Juniors and Seniors only

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 421 - Systems Programming

Batch-process systems programs, components and operating characteristics. Implementation techniques for parallel processing and interrupt handling. Overall structure of multiprogramming systems. Addressing techniques, file system design and management. Interprocess communication, design of system modules and interfaces.

Credit Hours: 3 hrs

Prerequisite: COSC 221, COSC 311 and COSC 341

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 422 - Introduction to Microprocessors

The fundamentals of small-system software development as it applies to microprocessors and minicomputers. Introduction to microprocessors and peripheral hardware; software and software development; applications. Students will have access to both microcomputers and a minicomputer to gain first-hand knowledge of this field.

Credit Hours: 3 hrs

Prerequisite: COSC 221 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 423 - Computer Operating Systems

Computer operating systems functions and concepts. Processor allocation: multiprogramming and scheduling algorithms. Memory tasks and data management. The deadlock problem. Virtual memory, allocation strategies and analysis of their algorithms. Design, implementation and protection of I/O files. Survey of available computer operating systems.

Credit Hours: 3 hrs

Prerequisite: COSC 221 and COSC 311

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 436 - Web Programming

Students will learn how to set up and configure a web server and associated services. Topics covered will include: CGI, JavaScript, Web security tools, server-side programming multfiles applets, data description languages, database connectivity, scripting languages and distributed applications. Exposure to security and efficiency issues.

Credit Hours: 3 hrs

Prerequisite: COSC 231, COSC 311 and COSC 341

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 439 - Computing Network Principles

The basic concepts of computer communication systems with particular emphasis on communication hardware and microcomputer networks. Students will be involved in the development and writing of software components of communications such as terminal emulators and file transfer packages. Basic communication theory and terminology, communication hardware devices, communication protocols and microcomputer networks.

Credit Hours: 3 hrs

Prerequisite: COSC 221 and COSC 311; COSC 314 recommended

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 444 - Foundations of Automata and Languages

A review of finite automata. A rigorous treatment of regular languages including closure properties and the Pumping Lemma. An investigation of context-free languages, context-free grammars, simplification of grammars, normal forms and related topics. Turing machines and the Halting Problem. Applications to lexical analysis.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and COSC 314

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 445 - Compiler Construction

Review of programming language structures, translation, loading, execution and storage allocation. Compilation of simple statements. Organization and overall design of a compiler. Use of compiler writing languages.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and COSC 314 and COSC 341

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 456 - Computer Graphics

An in-depth exploration of fundamental concepts of 2D and 3D computer graphics. Topics include: geometric transformations, lighting and shading models, texture mapping, animation, solid modeling, ray-tracing, hidden-surface removal and the use of graphics in visualization and computer gaming. Course is project oriented, including interactive 3D animations.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and either the completion of MATH 122 or MATH 205

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 457 - Computer Game Programming

Introduces the central components of 3D computer game programming: game design, using a 3D graphics engine (lighting, shading, textures, etc.), terrain modeling, solid modeling, kinematics, collision detection, real-time animation, simple AI agency, sound integration.

Credit Hours: 3 hrs

Prerequisite: COSC 311

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 461 - Heuristic Programming

Programming techniques for problems with large-state spaces or uncertain knowledge: searches, heuristic evaluation, rule-based inference, approximate reasoning and adaptation using neural nets, genetic algorithms and reinforcement learning.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and COSC 314

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 471 - Database Principles

A technical review of the theory and principles of database design and organization. The concepts and structures necessary to design and implement a database management system. Network, hierarchical and relational database models. Data normalization, data description languages, query languages, data integrity and security.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and COSC 314 and COSC 341

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 477 - Special Topics

Covers topics not considered in other courses when the immediate needs of the field, interests of the students and expertise of the faculty coincide.

Credit Hours: 1 hr

Prerequisite: department permission

Class Restrictions: Senior standing

Major Restrictions: Computer Science Majors only

COSC 478 - Special Topics

Covers topics not considered in other courses when the immediate needs of the field, interests of the students and expertise of the faculty coincide.

Credit Hours: 2 hrs

Prerequisite: department permission

Class Restrictions: Senior standing

Major Restrictions: Computer Science Majors only

COSC 479 - Special Topics

Covers topics not considered in other courses when the immediate needs of the field, interests of the students and expertise of the faculty coincide.

Credit Hours: 3 hrs

Prerequisite: department permission

Class Restrictions: Senior standing

Major Restrictions: Computer Science Majors only

COSC 481W - Software Engineering and Senior Project (Gen Ed Area I, W)

This capstone course surveys the fundamentals of software engineering, including requirements analysis, design, disciplined implementation and evaluation. Students will work on a semester-long software project that employs principles learned in other computer science classes.

Credit Hours: 3 hrs

Prerequisite: COSC 311 and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

COSC 485 - Senior Projects in SAG

The application of simulation, animation and gaming techniques for the completion of a team based final project. Also covered will be a discussion of necessary skills for career success. Guest speakers and site visitations will be part of the class.

Credit Hours: 3 hrs

Prerequisite: SAG 470

Class Restrictions: Junior or Senior standing

Cross-Listed with: SAG 485

Last Updated: Links 04/2011

COSC 486 - Cooperative Education in Computer Science

Four to six months of full-time employment at an industrial firm specially chosen to provide practical experience in computer science. The program consists of two work experiences (COSC 388/COSC 488) alternating with full-time attendance at the University.

Credit Hours: 1 hrs

Prerequisite: COSC 388 and department permission

Notes: Use on computer science major subject to department permission. Graded on a credit/no-credit basis.

Last Updated: Links 04/2011

COSC 487 - Cooperative Education in Computer Science

Four to six months of full-time employment at an industrial firm specially chosen to provide practical experience in computer science. The program consists of two work experiences (COSC 388/COSC 488) alternating with full-time attendance at the University.

Credit Hours: 2 hrs

Prerequisite: COSC 388 and department permission

Notes: Use on computer science major subject to department permission. Graded on a credit/no-credit basis.

Last Updated: Links 04/2011

COSC 488 - Cooperative Education in Computer Science

Four to six months of full-time employment at an industrial firm specially chosen to provide practical experience in computer science. The program consists of two work experiences (COSC 388/COSC 488) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: COSC 388 and department permission

Notes: Use on computer science major subject to department permission. Graded on a credit/no-credit basis.

Last Updated: Links 04/2011

COSC 497 - Independent Study

A report or project on an approved subject in the field of computer science under the guidance of the staff of the Department of Computer Science.

Credit Hours: 1 hr

Prerequisite: department permission

Class Restrictions: Junior or Senior standing

Major Restrictions: Computer Science Majors only

COSC 498 - Independent Study

A report or project on an approved subject in the field of computer science under the guidance of the staff of the Department of Computer Science.

Credit Hours: 2 hrs

Prerequisite: department permission

Class Restrictions: Junior or Senior standing

Major Restrictions: Computer Science Majors only

COSC 499 - Independent Study

A report or project on an approved subject in the field of computer science under the guidance of the staff of the Department of Computer Science.

Credit Hours: 3 hrs

Prerequisite: department permission

Class Restrictions: Junior or Senior standing

Major Restrictions: Computer Science Majors only

Economics Programs and Courses

Economics

Major

Actuarial Science and Economics Major - Economics

Actuarial science and economics is a joint program of the Mathematics and Economics departments. In addition to following a prescribed series of courses, students are expected to pass the first two actuarial examinations. The examinations are sponsored by leading actuarial societies and administered in numerous U.S. locations. MATH 372 and MATH 472 are designed to prepare students for these examinations.

All majors must meet with the undergraduate advising coordinator in the Department of Mathematics to fill out a program sheet before graduation. At least 15 credit hours in the program, at the 300 level or above, must be taken at Eastern Michigan University.

Economics Department Information:

Interim Department Head: Kemper Moreland
Department Contact: kmoreland@emich.edu
Website: <http://www.emich.edu/economics/>

Adviser Information:

Program Adviser: Abdullah Dewan
Phone: 734.487.3395
Email: adewan@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 61 hours

Required Courses: 12 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs

One course from the following:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 120 - Computational Principles for Mathematics and the Sciences 3 hrs

One course from the following:

- ECON 361 - Financial Economics 3 hrs
- FIN 350 - Principles of Finance 3 hrs

Required Mathematics Courses: 25 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 370 - Probability and Statistics I 3 hrs
- MATH 372 - Problems in Actuarial Studies I 2 hrs
- MATH 471 - Probability and Statistics II 3 hrs
- MATH 472 - Problems in Actuarial Studies II 2 hrs

Required Economics Courses: 18 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs
- ECON 412 - Intermediate Microeconomic Analysis 3 hrs
- ECON 405 - Economic Analysis for Business 3 hrs
- ECON 415 - Introduction to Econometrics 3 hrs

Restricted Elective Courses: 6 hours

Any combination of electives from:

- Courses at the 300-level or above in mathematics
- ECON 340 - Money and Banking 3 hrs
- ECON 445 - Economic Fluctuations and Forecasting 3 hrs
- ECON 455W - Cost-Benefit Analysis (Gen Ed Area I, W) 3 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

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EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Economics Major

The Economics major in the College of Arts and Sciences is designed to prepare students for administrative or research careers in business, finance, government and social service agencies. The Economics major is also an excellent preparation for students planning to attend Law School. Students in this major are encouraged to consider a minor or second major in Finance, General Business (or other business field), Mathematics, Political Science, or Philosophy to match their specific career goal. Students planning to pursue graduate studies in Economics are strongly encouraged to complete a minor in Mathematics.

Economics Department Information:

Interim Department Head: Kemper Moreland

Department Contact: kmoreland@emich.edu

Website: <http://www.emich.edu/economics/>

Adviser Information:

Program Adviser: Abdullah Dewan

Phone: 734.487.3395

Email: adewan@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3-4 hours

One course from the following:

Note: If pursuing a BBA, please see note below before selecting a course in this section.

- MATH 118 - Linear Models and Probability (Gen Ed Area II) 3 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Major Requirements: 30 hours

Required Courses: 15 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs
- ECON 412 - Intermediate Microeconomic Analysis 3 hrs

One course from the following:

If pursuing a BBA in Economics:

Students who take DS 265 first, may not take ECON 310 for credit toward the major. Instead they must take another economics class, ECON 415 preferred.

Students who take ECON 310 first will be excused from the requirement of completing DS 265 in the Business Core (in this case, a COB waiver may be required for graduation audit).

- ECON 310 - Economic Statistics 3 hrs
- ECON 415 - Introduction to Econometrics 3 hrs

Elective Courses: 15 hours

Although any 15 credit hours of 300-level or above electives in economics will complete the requirements for the major, students should choose courses related to the career path they wish to pursue. Inquire at the Department of Economics regarding suggested concentrations, suggested career paths and course selection.

For students pursuing a BBA in Economics: *Although any 15 credit hours of 300-level or above electives in economics will complete the requirements for the major, students should select courses most closely related to business applications. Students selecting this economics major are encouraged to include at least one 400-level course offered in the College of Business as an elective.*

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Bachelor of Business Administration in Economics

Students who wish to earn a Bachelor of Business Administration in Economics, can do so by completing the above requirements of the Economics Major in addition to the following requirements:

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Minor

Economics Minor

An Economics minor provides a useful combination with majors in Business, Mathematics, Political Science, Pre-Law, Philosophy and related fields.

Economics Department Information:

Interim Department Head: Kemper Moreland
Department Contact: kmoreland@emich.edu
Website: <http://www.emich.edu/economics/>

Adviser Information:

Program Adviser: Abdullah Dewan
Phone: 734.487.3395
Email: adewan@emich.edu

Required Course: 6 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

Elective Courses: 14 hours

Fourteen hours from any 300-level and above economics courses. ECON 411 and ECON 412 are highly recommended.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Economics Minor

PROGRAM WILL BE PHASED OUT: EFFECTIVE FALL 2012

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in economics, certification code CA. The Michigan Test for Teacher Certification (MTTC) covering this field is #007, "Economics."

Economics Department Information:

Interim Department Head: Kemper Moreland
Department Contact: kmoreland@emich.edu
Website: <http://www.emich.edu/economics/>

Required Courses: 9 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ECON 375 - Economic History of the United States 3 hrs

Restricted Elective Courses: 11 hours

Eleven hours of electives in economics including at least two courses from the following:

- ECON 300 - Contemporary Economic Issues 3 hrs
- ECON 303 - Consumer Economics 3 hrs
- ECON 327 - Economics of Poverty, Inequality and Discrimination 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above. ECON 411 and ECON 412 are also recommended.

Students seeking a teaching certificate in Social Studies with an endorsement in Economics are required, in addition to the Economics courses above, to take HIST 481 - The Teaching of Social Studies, as their teaching methods course.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Economics

ECON 100 - Introduction to Economic Problems and Policies (Gen Ed Area IV)

A nontechnical introduction to basic problems facing the U.S. economy and different opinions over economic policy choices. Analysis of the controversial role of government in a private market economy.

Credit Hours: 3 hrs

Notes: Not recommended for business students. Not open to students with ECON201/202.

Area IV: Knowledge of the Disciplines

ECON 100 Introduction to Economics

Students in the course acquire a basic understanding of both the subject of economics and the approach used by economists in their study of economic questions. Thus students learn about both the content and the methodology of economics. The contemporary international economic environment is characterized by globalization and competition. This reality confronts the USA and its people with a number of economic challenges and opportunities. Economics 100 presents students with an opportunity to read about, think about and discuss these issues. In a series of written assignments, students are asked to apply their developing knowledge of the content and methodology of economics to an analysis of a variety of economic problems, as well as to an evaluation of government policy measures designed to respond to these problems. In summary, Economics 100 students learn the following: (1) The basic concepts and principles of economics, such as efficiency and productivity, markets and prices; (2) The "economic way of thinking", that is, identifying measuring, quantifying and comparing costs and benefits as a basis for informed decision-making; (3) How to apply both of the above to real-world economic problems, such as the outsourcing of jobs to low-wage countries and the escalating costs of prescription drugs.

ECON 103L - Economics for Living (Gen Ed Area V LBC)

This course develops the tools and skills needed to survive and thrive in daily life. Focus is on understanding the economy and on how to evaluate costs and benefits related to everyday choices like student loans, the use of banks and credit, healthcare insurance options, and retirement plan participation.

Credit Hours: 3 hrs

Notes: This course will count as credit for Learning Beyond the Classroom.

Last Updated: Links 03/2011

ECON 108 - Introduction to the Global Economy (Gen Ed Area III)

An introductory-level course accessible to student who have had no prior exposure to economics. It explains the basic concepts and principles of global economics in a non-technical, non-mathematical manner. Students learn about the challenges and the opportunities that are presented by the globalization of the world economy.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

ECON 108 Introduction to the Global Economy

Students in the course acquire a basic understanding of, and appreciation for, the variety of economic systems, economic models and economic policies that have been adopted by different nations to guide their respective paths of economic growth and development. Students also receive an introduction to the web of economic relations that tie nations ever more tightly in the globalizing world economy.

The globalization of the world economy implies increasing interaction among the economies of different nations. Economic interrelationships are complex and dynamic. Our competitors in the globalized world economy, such as China, India and Japan, are at the same time our partners. This reality poses both challenges and opportunities. The possibility of achieving positive, peaceful outcomes is enhanced by a thorough understanding of the differences among the economies of the world.

ECON 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ECON 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ECON 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ECON 200 - The American Economy

Survey of the principles of economics; the basic knowledge of the functioning of the present-day American economy.

Credit Hours: 3 hrs

Notes: Not open to students with ECON201/202.

ECON 201 - Principles of Macroeconomics (Gen Ed Area IV)

The first half of basic principles of economics. Emphasizes macroeconomic concepts of national income, fiscal and monetary policy, and problems of unemployment, inflation and economic growth.

Credit Hours: 3 hrs

Prerequisite: Level 3 Math Placement or (at least a C in MATH 098 or above)

Area IV: Knowledge of the Disciplines

ECON 210 Principles of Macroeconomics

Economics is one of the fundamental social sciences because it systematically investigates the economic relationships and interactions among people living in society. In the course acquire a basic understanding of both the subject of economics and the tools used by economists in their study of economic questions. (1) macroeconomics looks at how people and societies make choices, while weighing the costs and benefits of those choices. The basic assumption is that normal economic behavior is guided by a process of always seeking to get the maximum benefit at minimum cost; (2) introduces students to concepts such as supply and demand, business cycles, inflation and unemployment, money and banking, and taxing and government spending. Here students learn how economics research develops and uses numbers and models (simplifications) to explain changes in these concepts; (3) introduces students to some of the different interpretations of the desirability of changes and their outcomes. One school of thought explored focuses on "what is," with no value judgments implied. Another school of thought focuses on "what ought to be," based on value judgments about the social desirability of outcomes.

Last Updated: Links 04/2011

ECON 202 - Principles of Microeconomics (Gen Ed Area IV)

Second half of an introduction to basic principles of economics. Emphasizes microeconomic concepts of demand, supply and problems relating to prices and resource allocation.

Credit Hours: 3 hrs

Prerequisite: Level 3 math placement or above, or MATH 098 or above.

Area IV: Knowledge of the Disciplines

ECON 202 Principles of Microeconomics

Economics is one of the fundamental social sciences because it systematically investigates the economic relationships and interactions among people living in a society. Students in the course acquire a basic understanding of both the subject of economics and the approach used by economists in their study of economic questions. Thus, students learn about both the content and the methodology of economics. The contemporary international economic environment is characterized by globalization and competition. This reality confronts the USA and its people with a number of economic challenges and opportunities. Economics 202 presents students with an opportunity to read about, think about and discuss these issues. In discussions and exams students are asked to apply their developing knowledge of the content and methodology of economics to an analysis of a variety of economic problems, as well as to an evaluation of government policy measures designed to respond to these problems.

Last Updated: Links 04/2011

ECON 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: one 100- or 200-level course in economics

ECON 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: one 100- or 200-level course in economics

ECON 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: one 100- or 200-level course in economics

ECON 300 - Contemporary Economic Issues

Analysis of contemporary economic problems. Topics may change each semester as the interests and/or problems change.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 303 - Consumer Economics

This course focuses on the analysis of consumer economic behavior, the public and private institutions designed to protect consumer's interests and the evolution as well as the effectiveness of consumer education. This course will also include emphasis on buying skills, money management and consumer-citizenship responsibility.

Credit Hours: 3 hrs

Prerequisite: one 100-200 or 300-level course in Economics

ECON 310 - Economic Statistics

Introduction to the statistical measurement and analysis of data with applications to economics. Elements of descriptive statistics, probability, random samples, point and interval estimation, hypothesis testing and regression analysis are examined.

Credit Hours: 3 hrs

Prerequisite: MATH 105, MATH 118, MATH 119 or MATH 120

Last Updated: Links 04/2011

ECON 320 - Labor Economics

Analysis of the theory of wage determination, with attention to labor supply and labor demand, human resource development, trade unions and labor market institutions.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 321 - Minority Workers in the Labor Market

Special problems and unique employment situations of minority workers (racial and ethnic minorities, women, handicapped) involving historical and market influences, and employer, union and government policies. Recent and proposed legislation affecting the labor force status of minorities.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 325 - Collective Bargaining

Major problems in present-day collective bargaining including the negotiation of collective agreements, practical aspects and economic implications.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 327 - Economics of Poverty, Inequality and Discrimination

An economic analysis of poverty and income inequality in the U.S., including the effects of discrimination. Examining U.S. income maintenance programs, including social security. Includes international comparisons.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 328 - Economics of Women

The changing economic role of women in the labor force. Analysis of policies affecting earnings, employment, and work and family issues in traditional and nontraditional occupations. Includes some international comparisons.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

Cross-Listed with: WGST 328

Last Updated: Links 04/2011

ECON 329 - Economics of Crime

The use of economic concepts and tools to analyze economic causes of crime and economic policies relevant to crime.

Credit Hours: 3 hrs

Prerequisite: ECON 202 or equivalent

Last Updated: Links 04/2011

ECON 332 - Urban Economics

The level, distribution, stability and growth of urban income and employment. Analysis of contemporary urban problems, such as inner-city poverty, housing-land use, transportation and local public services with special reference to economic efficiency and programs.

Credit Hours: 3 hrs

Prerequisite: ECON 202 or equivalent

Last Updated: Links 04/2011

ECON 336 - Economics of Environment and Natural Resources

The application of economic concepts and analysis to problems of environment and management of natural resources.

Credit Hours: 3 hrs

Prerequisite: ECON 202 or equivalent

Last Updated: Links 04/2011

ECON 337 - Energy Economics and Policies

Introduction to the economics of energy in the U.S. and world economies, including a critical analysis of the policies of the governments involved.

Credit Hours: 3 hrs

Prerequisite: ECON 202 or equivalent

Last Updated: Links 04/2011

ECON 340 - Money and Banking

The nature and role of money and credit, the banking system and other financial institutions, and the relation of monetary policy to the level of economic activity.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 350 - Government Finance

This course examines the role of government in market economies. We analyze current government expenditure programs, such as welfare, health, environmental, housing, education and social security programs. We also analyze equity and efficiency effects of taxes including personal income, corporate income, sales, property and Social Security taxes.

Credit Hours: 3 hrs

Prerequisite: ECON 202 or equivalent

Last Updated: Links 04/2011

ECON 361 - Financial Economics

This course provides an introduction to the fundamentals of modern financial economics and their applications in managing financial health and performance, time and resource allocation, household decisions, asset valuation and pricing, risk and efficiency, and corporate finance.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

Previously Listed As: ECON 361 - Corporation Finance

Last Updated: Title and Description 07/2011

ECON 370 - Comparative Economic Systems

Alternative approaches to organizing economic activity, emphasizing advantages and disadvantages as compared to the U.S. economic system. Illustrations are taken from non-capitalist economies such as Cuba and China.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 375 - Economic History of the United States

Analyzes economic history of the United States including colonial relationships; regional specialization; slavery; property rights; technology; transportation; industrialization; trade flow; monetary and fiscal policy and income distribution.

Credit Hours: 3 hrs

Prerequisite: one course in economics or department permission

ECON 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 385 - Economic Development

The causes, the consequences and possible solutions of economic problems facing the developing countries of Latin America, Africa and Asia. Emphasis on mass poverty, food shortages, overpopulation, unemployment and unequal income distribution.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 386 - Technology and Economic Growth

The nature of technology and its importance for contemporary economic growth. Includes technological change and its effects on society and the individual.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

ECON 387 - Cooperative Education in Economics

Provides practical experience in the student's major field for four to six months of full-time employment at an individual employer. The program consists of one or two work experiences (ECON 387/ECON 487) alternating with full-time attendance at

the University. A written report is required at the end of each employment period..

Credit Hours: 3 hrs

Prerequisite: ECON 201, ECON 202 and department permission

Notes: Admittance to program by application only. Graded on a credit/no-credit basis. Credits do not count towards the economics major or minor

Last Updated: Links 04/2011

ECON 401 - Use of Quantitative Methods in Economics

Introduction to Contemporary National Databases and current econometric computer packages. Special attention is given on how to do empirical research: formulating hypotheses, estimating relationships, testing hypotheses, and dissemination of findings.

Credit Hours: 3 hrs

Prerequisite: ECON 411 and ECON 310 or equivalent

Class Restrictions: Only open to Juniors, Seniors and MA in Trade Development students

Last Updated: Removal of Graduate Credit 07/2011; Links 04/2011

ECON 402 - Computer Applications in Microeconomics

Applied linear and nonlinear models of the consumer and the firm. Estimates demand functions (for example housing demand and energy demand), cost functions and production functions.

Credit Hours: 3 hrs

Prerequisite: ECON 412 and ECON 310 or equivalent

Last Updated: Links 04/2011

ECON 405 - Economic Analysis for Business

Analytical tools and methods of economic theory used in business management, focusing on production, cost, pricing and investment. Application includes demand estimation and economic forecasting.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Removed Grad Credit 07/2011; Links 04/2011

ECON 406W - History of Economic Thought (Gen Ed Area I, W)

A review of the development of economic thought from the age of mercantilism to present times, with the particular emphasis on landmark contributions of writers such as Adam Smith, Karl Marx, Alfred Marshall, J. M. Keynes and significant 20th-century economists.

Credit Hours: 3 hrs

Prerequisite: ECON 201 or ECON 202

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ECON 407 - Economic Analysis and Law

The application of economic analysis to the law, including property law, contract law, family law, torts, criminal law, constitutional law, antitrust and environmental law.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Removed Graduate Credit 07/2011; Links 04/2011

ECON 411 - Intermediate Macroeconomic Analysis

Examines macroeconomic theories of the determination of national income, employment, the price level, interest rates and economic growth; and linkages between the domestic and international economies. Topics include unemployment, inflation, monetary and fiscal policy, and the policy positions of various schools of thought. Standard analytical tools, such as IS-LM and aggregate demand and supply are examined.

Credit Hours: 3 hrs

Prerequisite: ECON 201, ECON 202 and either MATH 105, MATH 118, MATH 119 or MATH 120

Previously Listed As: ECON 301

Last Updated: Links 04/2011; Course Number Change 06/2011, effective Fall 2011

ECON 412 - Intermediate Microeconomic Analysis

Analyzes contemporary theories of consumer and firm behavior, prices, and resource allocation. Examines firm behavior for several market structures, and evaluates the efficiency and equity implications of market outcomes.

Credit Hours: 3 hrs

Prerequisite: ECON 201, ECON 202, and either MATH 105, MATH 118, MATH 119 or MATH 120

Previously Listed As: ECON 302

Last Updated: Links 04/2011; Course Number Change 06/2011, effective Fall 2011

ECON 415 - Introduction to Econometrics

Introduction to the mathematical formulation of economic theories. The use of statistical procedures to measure the theoretical relationships and to verify or reject the theories. Quantitative predictions, measurements and statistical test of the predictions.

Credit Hours: 3 hrs

Prerequisite: ECON 201, ECON 202, and either ECON 310, MATH 360, MATH 370 or DS 265

Last Updated: Removed Graduate Credit 07/2011; Links 04/2011

ECON 436 - Health Economics

The production, distribution, supply and utilization of health care resources, especially in the United States. Relevant tools of economic analysis and empirical studies, allocation of resources to the health care sector.

Credit Hours: 3 hrs

Prerequisite: ECON 202 or equivalent

Last Updated: Removed Graduate Credit 07/2011; Links 04/2011

ECON 440 - Money, Credit, and Monetary Policy

An analytical study of the theories of money demand and money supply. Also studied are commercial banking and the operations and conduct of Federal Reserve monetary policy under alternative policy procedures and economic disturbances. The subject is

viewed from both domestic and international perspectives.

Credit Hours: 3 hrs

Prerequisite: ECON 411 or ECON 340

Last Updated: Links 04/2011

ECON 445 - Economic Fluctuations and Forecasting

Study of the history, nature and causes of economic fluctuations. Also included are alternate approaches to economic forecasting used by business and government including econometric forecasting; and the role of monetary and fiscal policies, supply shocks, international factors and structural change in generating economic fluctuations.

Credit Hours: 3 hrs

Prerequisite: ECON 201, ECON 202 and ECON 411

Notes: This course has been approved for General Education - Writing Intensive Credit, effective Winter 2013.

Last Updated: Prerequisites 07/2011; Links 04/2011

ECON 455W - Cost-Benefit Analysis (Gen Ed Area I, W)

Cost-benefit analysis techniques and their application to evaluating economic efficiency of government expenditure programs. Determination and distribution of benefits and costs in specific public projects.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 460 - Industrial Organization

Monopoly, competition, mergers, concentration and antitrust, and other public policies affecting private enterprise in the United States.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 04/2011

ECON 480W - International Economics (Gen Ed Area I, W)

Analysis of theory and economic problems of international trade factor movements, exchange mechanisms, balance of payments, regional economic integration, assistance agencies, and adjustments to changing conditions.

Credit Hours: 3 hrs

Prerequisite: ECON 201 and ECON 202

Last Updated: Links 03/2011

ECON 487 - Cooperative Education in Economics

Provides practical experience in the student's major field for four to six months of full-time employment at an individual employer. The program consists of one or two work experiences (ECON 387/ECON 487) alternating with full-time attendance at the University. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Prerequisite: ECON 387

Notes: Admittance to program by application only. Graded on a credit/no-credit basis. Credits do not count towards the economics major or minor.

Last Updated: Links 04/2011

ECON 491 - Research Seminar in Economics

Selected issues in economic methodology, research procedures, and techniques with the preparation of a major research paper and group analysis of its findings.

Credit Hours: 3 hrs

Prerequisite: ECON 411 and ECON 412

Last Updated: Links 04/2011

ECON 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work. Restricted to economics majors and minors.

Credit Hours: 1 hr

ECON 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work. Restricted to economics majors and minors.

Credit Hours: 2 hrs

ECON 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work. Restricted to economics majors and minors.

Credit Hours: 3 hrs

ECON 585 - Economic Growth and Development

Conditions, causes and consequences of growth and development; instruments of expansion and control, and important theories and models of growth. Economic growth in both the United States and underdeveloped countries.

Credit Hours: 3 hrs

Prerequisite: ECON 411 and ECON 412, or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

English Language and Literature Programs and Courses

English Language and Literature

Major

Creative Writing Major

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Christine Hume
Email: chume@emich.edu

Program Adviser: Carla Harryman
Email: charryma@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 33 hours

Required Courses: 24 hours

- CRTW 201 - Introduction to Creative Writing (Gen Ed Area IV) 3 hrs
- CRTW 426 - Contemporary Forms 3 hrs
- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs
- LITR 360 - Recent Trends in British and American Literature 3 hrs

The following courses must be taken twice:

- CRTW 335W - Creative Writing (Gen Ed Area I, W) 3 hrs
- CRTW 422W - Writer's Workshop (Gen Ed Area I, W) 3 hrs

Restricted Electives: 9 hours

Three courses selected from the following:

- 300-400 level courses in CRTW, LITR, ENGL, JRNL, LING
- ARTH 475 - Seminar in Modern and Contemporary Art 3 hrs
- CTAR 360 - Playwriting 3 hrs
- PHIL 460W - Philosophy of Language (Gen Ed Area I, W) 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

The interdisciplinary nature of the Creative Writing Major encourages students to minor in areas such as Philosophy, Art and Drama. The PHIL, ART, CTAR courses below are therefore also acceptable restricted electives, but students should be aware that they require prerequisites and are suggested as part of a program involving a minor in the relevant area. Students choosing the Philosophy elective, for instance, should consider designating Philosophy as a minor. Likewise students choosing the Art/Drama elective should consider Art/Drama as a minor.

** This course must be repeated as a different topic.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

English Language Major

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Daniel Seely
 Email: tseely@emich.edu

Program Adviser: Helen Aristar-Dry
 Email: hdry@linguistlist.org

Program Adviser: Verónica Grondona
Email: vgrondona@emich.edu

Program Adviser: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Required Courses: 19-21 hours

- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs
- LING 402 - Modern English Grammar 3 hrs

One course from the following:

- LING 205 - English Words 3 hrs
- LING 421 - The History of the English Language 3 hrs

One course from the following:

- ENGL 484W - Seminar in Written Communications (Gen Ed Area I, W) 3 hrs
- LING 497 - Independent Study 1 hr
- LING 498 - Independent Study 2 hrs
- LING 499 - Independent Study 3 hrs

Restricted Elective Courses: 9-12 hours

- Any LING course approved by the undergraduate adviser.
- ENGL 225 - Writing in a Changing World 3 hrs
- ENGL 326 - Research Writing 3 hrs
- ENGL 387 - Cooperative Education in English 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 428 - Writing Computer Documentation 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs

- JRNL 423 - Magazine Article Writing 3 hrs
- JRNL 453 - Advanced Reporting 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

English Linguistics Major

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mr Ramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Daniel Seely
Email: tseely@emich.edu

Program Adviser: Helen Aristar-Dry
Email: hdry@linguistlist.org

Program Adviser: Verónica Grondona
Email: vgrondona@emich.edu

Program Adviser: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Required Courses: 12 hours

- LING 201 - An Introduction to Linguistics 3 hrs
- LING 401 - Introduction to Linguistic Science 3 hrs
- LING 420W - Introduction to Phonetics and Phonology (Gen Ed Area I, W) 3 hrs
- LING 425W - Introduction to Syntax (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 9 hours

Three courses from the following:

- LING 205 - English Words 3 hrs
- LING 310 - African American Language 3 hrs
- LING 322 - Languages of the World 3 hrs
- LING 340 - Language and Culture 3 hrs
- LING 402 - Modern English Grammar 3 hrs
- LING 415 - Women and Language 3 hrs
- LING 421 - The History of the English Language 3 hrs
- LING 426 - Topics in Linguistics 3 hrs
- LING 434 - The Linguistic Analysis of Literature 3 hrs
- PHIL 460W - Philosophy of Language (Gen Ed Area I, W) 3 hrs

Elective Courses: 9 hours

Three courses from the following:

- Another relevant upper-level course, as approved by the undergraduate adviser for Linguistics
- Any LING course (including 500-level courses) not used as a restricted elective
- Any course in foreign language or in Old or Middle English
- Any upper-level course in the literature, history, geography, sociology or anthropology of specific cultural group or region
- ANTH 336 - Social and Cultural Change 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs
- GEOG 360 - Cultural Geography 3 hrs
- LING 425W - Introduction to Syntax (Gen Ed Area I, W) 3 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- PHIL 281 - Symbolic Logic 3 hrs
- PSY 301W - Introductory Experimental Psychology (Gen Ed Area I, W) 4 hrs
- SOCL 310 - Social Stratification 3 hrs
- SOCL 336 - Social and Cultural Change 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Interdisciplinary Major in Children's Literature and Drama/Theatre for the Young

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Annette Wannamaker
 Phone: 734.487.4220
 Email: awannamak@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 36 hours

Required Courses: 21 hours

- * CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- * CHL 208 - Multicultural Children's Literature (Gen Ed Area III) 3 hrs
- CTAR 327 - Plays for the Young 3 hrs

One course from the following:

- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs

One course from the following:

- CHL 450W - Children's Literature: Criticism and Response (Gen Ed Area I, W) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (Gen Ed Area I, W) 3 hrs

One course from the following:

- * CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV) 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs

One course from the following:

- CTAR 322 - Theatre for Children 3 hrs
- CTAR 324 - Oral Interpretation of Children's Literature 3 hrs

Restricted Elective Courses: 15 hours

Courses not chosen to fulfill program requirements above may be taken as restricted electives.

Occasionally special topics courses may be offered (such as children's film, storytelling, or puppetry) which may be substituted for a restricted elective with departmental permission. Qualified seniors may, with an advisers permission, substitute appropriate 500- level course.

- CHL 209 - Global Children's Literature (Gen Ed Area III) 3 hrs
- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs
- CHL 450W - Children's Literature: Criticism and Response (Gen Ed Area I, W) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (Gen Ed Area I, W) 3 hrs
- CHL 453 - Illustrated Texts: Picture Books, Comics, and Graphic Novels 3 hrs
- CHL 454 - Children's Literature: Fiction 3 hrs
- CHL 455 - Adolescent Literature 3 hrs
- CHL 456 - Jewish Children's and Adolescent Literature 3 hrs
- CHL 497 - Independent Study 1 hr
- CHL 498 - Independent Study 2 hrs
- CHL 499 - Independent Study 3 hrs
- * CTAO 210 - Interpretative Reading (Gen Ed Area IV) 3 hrs
- * CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV) 3 hrs
- CTAR 322 - Theatre for Children 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs
- CTAR 324 - Oral Interpretation of Children's Literature 3 hrs
- CTAR 326 - Drama/Theatre for Persons with Disabilities 2 hrs
- CTAR 327 - Plays for the Young 3 hrs

- CTAR 329 - Performing Theatre for the Young 3 hrs
- CTAR 497 - Independent Study 1 hr
- CTAR 498 - Independent Study 2 hrs
- CTAR 499 - Independent Study 3 hrs

Capstone Experience

At the conclusion of the program, the students will submit a portfolio of three papers/projects/performances which the student believes are representative of his/her best work produced for the major. By the middle of the student's final semester, he/she will consult with his/her adviser about the materials to be submitted and the date that they are due. All materials must be submitted at least one month prior to the close of the semester in question. This portfolio will be evaluated by a committee composed of members of the English Department's Children's Literature faculty and Drama/Theatre for the Young faculty from the Department of Communication, Media and Theatre Arts. Portfolios will be maintained by the Children's Literature faculty. Students whose portfolios are found to be deficient will be asked to make up that deficiency and submit new materials.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** These courses satisfy both general education requirements and requirements of the major. In order to avoid taking excess hours, students are advised to take these courses, or approved substitutes from another institution, as part of the general education requirements.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Journalism Major

Students will be required to complete 30 credit hours in professional journalism and writing courses (see below), plus a 20-hour minor in a specified field. Admission to the program will require a 2.5 GPA.

English Language and Literature Department Information:

Department Head: Mary K. Ramsey

Department Contact: mramsey6@emich.edu

Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Carol Schlagheck
Email: carol.schlagheck@emich.edu

Program Adviser: Jim Pinson
Email: james.pinson@emich.edu

Program Adviser: Charles Simmons
Email: charles.simmons@emich.edu

Program Adviser Christine Tracy
Email: ctracy1@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 33 hours

Required Courses: 24 hours

- JRNL 213 - Introduction to Journalism (Gen Ed Area IV) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 310 - Digital Journalism 3 hrs
- JRNL 313 - History of American Journalism 3 hrs
- JRNL 453 - Advanced Reporting 3 hrs
- JRNL 455 - Journalism Law and Ethics 3 hrs

Restricted Elective Courses: 9 hours

Three courses from the following:

- ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV) 3 hrs
- CMT 121 - Graphic Communication 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- CTAT 334 - Radio-Television News 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs
- JRNL 305 - Editorial, Column, and Review Writing 3 hrs

- JRNL 309 - Sports Writing 3 hrs
- JRNL 311 - Newspaper Layout and Design 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs
- JRNL 387 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 423 - Magazine Article Writing 3 hrs
- JRNL 454 - Contemporary Problems in Journalism 3 hrs
- JRNL 487 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 488 - Internship in Journalism/Public Relations 1 hr
- JRNL 489 - Internship in Journalism/Public Relations 2 hrs
- JRNL 490 - Internship in Journalism/Public Relations 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Language, Literature and Writing Major

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Joseph Csicsila
 Email: jcsicsila@emich.edu

Program Adviser: Andrea Kastontange
 Email: akastont@emich.edu

Program Adviser: Elizabeth Däumer
Email: edaumer@emich.edu

Program Adviser: Heather Neff
Email: heather.neff@emich.edu

Program Adviser: Craig Dionne
Email: craig.dionne@emich.edu

Program Adviser: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 36 hours

Required Courses: 12 hours

- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs
- LITR 490 - Senior Seminar 3 hrs

Restricted Elective Courses: 24 hours

One course from the following:

- LING 401 - Introduction to Linguistic Science 3 hrs
- LING 402 - Modern English Grammar 3 hrs
- LING 421 - The History of the English Language 3 hrs

One course from the following:

- ENGL 225 - Writing in a Changing World 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 326 - Research Writing 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs

One course from the following:

- LITR 361 - Studies in Native American Literature 3 hrs
- LITR 362 - Studies in African American Literature 3 hrs

One course from Literature before 1800:

- LITR 312 - English Literature in the Middle Ages 3 hrs

- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- LITR 315 - Restoration and 18th-Century Literature 3 hrs

One course from Literature after 1800:

- LITR 309 - The Development of American Literature 3 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 316 - Romantic Rebellion in Britain 1798-1832 3 hrs
- LITR 317 - Victorian and Edwardian Literature 1832-1914 3 hrs
- LITR 360 - Recent Trends in British and American Literature 3 hrs

One course from Major Authors:

- LITR 405 - Shakespeare 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs
- LITR 450 - Major Authors 3 hrs

One course from Genre:

- LITR 411 - Studies in Epic and Romance 3 hrs
- LITR 420 - Studies in the British Novel 3 hrs
- LITR 421 - Studies in the American Novel 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs
- LITR 430 - Studies in Drama 3 hrs
- LITR 440 - Genre Studies 3 hrs
- LITR 470 - Studies in Poetry 3 hrs

One course from Literature and Culture:

- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Literature Major

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Joseph Csicsila
Email: jcsicila@emich.edu

Program Adviser: Andrea Kaston Tange
Email: akastont@emich.edu

Program Adviser: Elizabeth Däumer
Email: edaumer@emich.edu

Program Adviser: Heather Neff
Email: heather.neff@emich.edu

Program Adviser: Craig Dionne
Email: craig.dionne@emich.edu

Program Adviser: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 27 hours

Required Basic Literature Course: 6 hours

- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs
- LITR 490 - Senior Seminar 3 hrs

Restricted Elective Courses: 21 hours

One course from the following:

- LITR 361 - Studies in Native American Literature 3 hrs
- LITR 362 - Studies in African American Literature 3 hrs

One course from Literature before 1800:

- LITR 312 - English Literature in the Middle Ages 3 hrs
- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- LITR 315 - Restoration and 18th-Century Literature 3 hrs

One course from Literature from the Nineteenth Century:

- LITR 309 - The Development of American Literature 3 hrs
- LITR 316 - Romantic Rebellion in Britain 1798-1832 3 hrs
- LITR 317 - Victorian and Edwardian Literature 1832-1914 3 hrs

One course from Literature from the Twentieth Century:

- LITR 310 - Modern American Literature 3 hrs
- LITR 360 - Recent Trends in British and American Literature 3 hrs

One course from Major Authors:

- LITR 405 - Shakespeare 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs
- LITR 450 - Major Authors 3 hrs

One course from Genre:

- LITR 411 - Studies in Epic and Romance 3 hrs
- LITR 420 - Studies in the British Novel 3 hrs
- LITR 421 - Studies in the American Novel 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs
- LITR 430 - Studies in Drama 3 hrs
- LITR 440 - Genre Studies 3 hrs
- LITR 470 - Studies in Poetry 3 hrs

One course from Literature and Culture:

- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs

Elective Courses: 3 hours

Choose any additional course from the restricted electives above or one course from the following:

- LITR 210 - Introduction to Shakespeare (Gen Ed Area IV) 3 hrs
- LITR 251 - The Bible as Literature 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Relations Major (Interdisciplinary - English)

Admission to the program will require a 2.8 GPA, which must be maintained in the major as well as in the minor selected. Admission is granted by the Department of English Language and Literature. Courses from both the Department of English Language and Literature and the Department of Communication and Theatre Arts are offered as requirements and restricted elective courses.

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Lolita Hendrix
 Phone: 734.487.4220
 Email: lolita.hendrix@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 45 hours

Required Fundamental Courses: 18 hours

- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs

- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs

One course from the following:

- CTAC 224 - Public Speaking 3 hrs
- CTAC 350 - Persuasion 3 hrs

Required Advanced Courses: 18 hours

- CTAC 475W - Research in Speech Communication (Gen Ed Area I, W) 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 408W - Case Studies in Public Relations (Gen Ed Area I, W) 3 hrs

One course from the following

- JRNL 487 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 490 - Internship in Journalism/Public Relations 3 hrs

One course from the following:

- CTAT 334 - Radio-Television News 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs

One course from the following:

- CTAC 354 - Organizational Communication 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs

Restricted Elective Courses: 9 hours

- ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV) 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CMT 336 - Electronic Publishing Technology 3 hrs
- CTAC 224 - Public Speaking 3 hrs
- **OR**
- CTAC 350 - Persuasion 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAT 241 - Announcing Techniques for Electronic Media 3 hrs
- CTAT 334 - Radio-Television News 3 hrs

OR

- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 311 - Newspaper Layout and Design 3 hrs
- JRNL 423 - Magazine Article Writing 3 hrs
- JRNL 455 - Journalism Law and Ethics 3 hrs

Maximum of 6 hours from the following:

- CTAC 387 - Cooperative Education in Communication 1 hr
- CTAC 388 - Cooperative Education in Communication 2 hrs
- CTAC 389 - Cooperative Education in Communication 3 hrs
- CTAC 487 - Internship in Communication 1 hr
- CTAC 488 - Internship in Communication 2 hrs
- CTAC 489 - Internship in Communication 3 hrs
- JRNL 387 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 487 - Cooperative Education in Journalism/Public Relations 3 hrs
- JRNL 488 - Internship in Journalism/Public Relations 1 hr
- JRNL 489 - Internship in Journalism/Public Relations 2 hrs
- JRNL 490 - Internship in Journalism/Public Relations 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Language, Literature and Writing Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in English, certification code BA, and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the National Council of Teachers of English. The Michigan Test for Teacher Certification (MTTC) covering this field is #002, "English."

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Doug Baker
Email: douglas.baker@emich.edu

Program Adviser: John Staunton
Email: jstaunto@emich.edu

Program Adviser: Cathy Fleischer
Email: cathy.fleischer@emich.edu

Program Adviser: Bill Tucker
Email: wtucker@emich.edu

Phone Number for Advisers: 734.487.4220

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.

3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 36 hours

Required Courses: 9 hours

- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs

Restricted Elective Courses: 27 hours

One course from Genre:

- LITR 411 - Studies in Epic and Romance 3 hrs
- LITR 420 - Studies in the British Novel 3 hrs
- LITR 421 - Studies in the American Novel 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs
- LITR 430 - Studies in Drama 3 hrs
- LITR 440 - Genre Studies 3 hrs

- LITR 470 - Studies in Poetry 3 hrs

One course from Language Study:

- LING 401 - Introduction to Linguistic Science 3 hrs
- LING 402 - Modern English Grammar 3 hrs
- LING 421 - The History of the English Language 3 hrs

One course from Multicultural Literature:

- LITR 361 - Studies in Native American Literature 3 hrs
- LITR 362 - Studies in African American Literature 3 hrs

One course from British Literature:

- LITR 312 - English Literature in the Middle Ages 3 hrs
- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- LITR 315 - Restoration and 18th-Century Literature 3 hrs
- LITR 316 - Romantic Rebellion in Britain 1798-1832 3 hrs
- LITR 317 - Victorian and Edwardian Literature 1832-1914 3 hrs

One course from American Literature:

- LITR 309 - The Development of American Literature 3 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 360 - Recent Trends in British and American Literature 3 hrs

One course from Major Authors:

- LITR 405 - Shakespeare 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs
- LITR 450 - Major Authors 3 hrs

One course from Writing, Literature or Language Study:

Choose one additional course from any Restricted Electives category or from one of the following:

- CRTW 335W - Creative Writing (Gen Ed Area I, W) 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs
- LING 310 - African American Language 3 hrs
- LING 340 - Language and Culture 3 hrs

One course from Writing Pedagogy:

- ENGL 408W - Writing for Secondary Teachers (Gen Ed Area I, W) 3 hrs

One course from Young Adult Literature:

- CHL 455 - Adolescent Literature 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Language, Literature and Writing Majors take:

- ENGL 409 - Teaching English in the Secondary Schools 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Written Communication Major

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Ann Blakeslee
Email: ann.blakeslee@emich.edu

Program Adviser: Bernie Miller
Email: berniemill@aol.com

Program Adviser: Steve Krause
Email: skrause@emich.edu

Program Adviser: Phil Arrington
Email: parringto@emich.edu

Phone Number for Advisers: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 18 hours

Choose one option from the following:

Option I: Technical Communication Courses: 18 hours

- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 428 - Writing Computer Documentation 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs
- ENGL 484W - Seminar in Written Communications (Gen Ed Area I, W) 3 hrs

Option II: Professional Writing Courses: 18 hours

- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 484W - Seminar in Written Communications (Gen Ed Area I, W) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs

One course from the following:

- ENGL 354 - Critical Digital Literacies 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 428 - Writing Computer Documentation 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs

Option III: Writing Studies Courses: 18 hours

- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs
- ENGL 484W - Seminar in Written Communications (Gen Ed Area I, W) 3 hrs

One course from the following:

- ENGL 310 - Writing and Civic Literacy 3 hrs
- ENGL 354 - Critical Digital Literacies 3 hrs

One course from the following:

- ENGL 424 - Technical Writing 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs

One course from the following:

- CRTW 335W - Creative Writing (Gen Ed Area I, W) 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 12 hours

Choose three courses from the following; however to fulfill this requirement, students cannot choose a course they took in their Major Requirement Option.

- CRTW 335W - Creative Writing (Gen Ed Area I, W) 3 hrs
- ENGL 310 - Writing and Civic Literacy 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 326 - Research Writing 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 354 - Critical Digital Literacies 3 hrs
- ENGL 387 - Cooperative Education in English 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 428 - Writing Computer Documentation 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs
- ENGL 488 - Internship in Technical Writing 1 hr
- ENGL 489 - Internship in Technical Writing 2 hrs
- ENGL 490 - Internship in Technical Writing 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Children's Literature Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Annette Wannamaker
 612 Pray-Harrod
 Email: awannamak@emich.edu
 Phone: 734.487.4220

Required Courses: 21 hours

- CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- CHL 208 - Multicultural Children's Literature (Gen Ed Area III) 3 hrs

One course from the following:

- CHL 450W - Children's Literature: Criticism and Response (Gen Ed Area I, W) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (Gen Ed Area I, W) 3 hrs

One course from the following:

- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs

Three courses from the following: 9 hours

- CHL 209 - Global Children's Literature (Gen Ed Area III) 3 hrs
- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs
- CHL 450W - Children's Literature: Criticism and Response (Gen Ed Area I, W) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (Gen Ed Area I, W) 3 hrs
- CHL 453 - Illustrated Texts: Picture Books, Comics, and Graphic Novels 3 hrs
- CHL 454 - Children's Literature: Fiction 3 hrs
- CHL 455 - Adolescent Literature 3 hrs
- CHL 497 - Independent Study 1 hr
- CHL 498 - Independent Study 2 hrs
- CHL 499 - Independent Study 3 hrs

Minor Total: 21 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Creative Writing Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mr Ramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Christine Hume
Email: chume@emich.edu

Program Adviser: Carla Harryman
Email: charryma@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 15 hours

- CRTW 201 - Introduction to Creative Writing (Gen Ed Area IV) 3 hrs
- CRTW 426 - Contemporary Forms 3 hrs

Three courses (9 hours) from the following.

At least one of the following courses needs to be repeated as a different topic:

- CRTW 335W - Creative Writing (Gen Ed Area I, W) 3 hrs
- CRTW 422W - Writer's Workshop (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 6 hours

Two courses selected from the following:

- 300-400 level courses in CRTW, LITR, ENGL, JRNL or LING
- ARTH 475 - Seminar in Modern and Contemporary Art 3 hrs
- CTAR 360 - Playwriting 3 hrs
- PHIL 460W - Philosophy of Language (Gen Ed Area I, W) 3 hrs

Minor Total: 21 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** Course may be repeated for additional credit if topic is different.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

English Language Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Advisor Information:

Program Adviser: Daniel Seely
 Email: tseely@emich.edu

Program Adviser: Helen Aristar-Dry
 Email: hdry@linguistlist.org

Program Adviser: Verónica Grondona
 Email: vgrondona@emich.edu

Program Adviser: Beverley Goodman
 Email: bgoodman@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 12 hours

- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs

One course from the following:

- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs

One course from the following:

- LING 205 - English Words 3 hrs
- LING 402 - Modern English Grammar 3 hrs
- LING 421 - The History of the English Language 3 hrs

Restricted Elective Courses: 9 hours

- Any other LING course approved by the undergraduate adviser.
- ENGL 225 - Writing in a Changing World 3 hrs
- ENGL 326 - Research Writing 3 hrs
- ENGL 387 - Cooperative Education in English 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 428 - Writing Computer Documentation 3 hrs
- ENGL 484W - Seminar in Written Communications (Gen Ed Area I, W) 3 hrs
- ENGL 487 - Cooperative Education in English 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs
- JRNL 423 - Magazine Article Writing 3 hrs
- JRNL 453 - Advanced Reporting 3 hrs
- LING 310 - African American Language 3 hrs
- LING 340 - Language and Culture 3 hrs
- LING 497 - Independent Study 1 hr

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

English Linguistics Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Daniel Seely
Email: tseely@emich.edu

Program Adviser: Helen Aristar-Dry
Email: hdry@linguistlist.org

Program Adviser: Verónica Grondona
Email: vgrondona@emich.edu

Program Adviser: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 6 hours

- LING 201 - An Introduction to Linguistics 3 hrs
- LING 401 - Introduction to Linguistic Science 3 hrs

Restricted Elective Courses: 15 hours

- Any LING course not already taken.
- LITR 312 - English Literature in the Middle Ages 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Jewish Studies (JSTS) Minor

Mission Statement

Eastern Michigan University's Interdisciplinary Jewish Studies program offers courses concerned with the history of the Jewish people, a story of survival under extraordinary circumstances. It considers the cultural and intellectual gifts Jews have given the world. It also focuses on the Jewish faith, its richness, its intricacy, its demands, as well as its complex and fascinating relationships with other religions. This program draws on faculty expertise from throughout the College of Arts and Sciences - ultimately it will draw on such expertise from throughout the university. It engages students in a wide realm of co-curricular activities including lectures and study abroad opportunities. EMU's program in Jewish Studies provides a gathering place for EMU's numerous ethnic communities to learn more about Jews and Judaism, a space to build bridges, to open and engage in discourse, to create new understandings between Jews and the many other groups that comprise the diverse culture of southeast Michigan.

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Martin B. Shichtman
Email: mshichtma1@emich.edu
Phone: 734.487.4220

Required Courses: 6 hours

- HIST 204 - Introduction to the History of Judaism (NEW COURSE) 3 hrs
- HIST 304 - Early Judaism 3 hrs

Restricted Electives: 15 hours

Choose 15 credit hours from the following:

- CASI 206 - Culture and the Holocaust (Gen Ed Area III) 3 hrs
- CHL 456 - Jewish Children's and Adolescent Literature 3 hrs
- FLAN 179 - Special Topics 3 hrs
- FLAN 279 - Special Topics 3 hrs
- FLAN 387 - Cooperative Education in Foreign Language 3 hrs
- FLAN 489 - Internship in Language and International Trade 3 hrs
- HIST 100 - The Comparative Study of Religion (Gen Ed Area IV) 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III) 3 hrs
- HIST 338 - German History Since 1815 3 hrs
- HIST 339 - Arab-Israeli Conflict 3 hrs
- HIST 341 - The Middle East, 1798 to the Present 3 hrs
- HIST 543 - Nationalism and Modernization in the Middle East and North Africa 3 hrs
- JSTS 177 - Special Topics 1 hr
- JSTS 178 - Special Topics 2 hrs
- JSTS 179 - Special Topics 3 hrs
- JSTS 277 - Special Topics 1 hr

- JSTS 278 - Special Topics 2 hrs
- JSTS 279 - Special Topics 3 hrs
- JSTS 377 - Special Topics 1 hr
- JSTS 378 - Special Topics 2 hrs
- JSTS 379 - Special Topics 3 hrs
- JSTS 477 - Special Topics 1 hr
- JSTS 478 - Special Topics 2 hrs
- JSTS 479 - Special Topics 3 hrs
- LITR 163 - Jewish-American Literature and Culture (Gen Ed Area III) 3 hrs
- LITR 171 - Imagining the Holy Land (Gen Ed Area III) 3 hrs
- LITR 251 - The Bible as Literature 3 hrs
- PHIL 215 - Philosophy of Religion (Gen Ed Area IV) 3 hrs
- PHIL 228 - Global Ethics (Gen Ed Area III, IV) 3 hrs
- PHIL 470W - Twentieth Century European Philosophy (Gen Ed Area I, W) 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PSY 225 - Psychology of Religion 3 hrs

Minor Total: 21 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Journalism Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
 Department Contact: mramsey6@emich.edu
 Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Carol Schlagheck
 Email: carol.schlagheck@emich.edu

Program Adviser: Jim Pinson
 Email: james.pinson@emich.edu

Program Adviser: Charles Simmons
 Email: charles.simmons@emich.edu

Program Adviser Christine Tracy
 Email: ctracy1@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 18 hours

- JRNL 213 - Introduction to Journalism (Gen Ed Area IV) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 313 - History of American Journalism 3 hrs
- JRNL 455 - Journalism Law and Ethics 3 hrs

Restricted Elective Courses: 6 hours

Two courses from the following:

- ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV) 3 hrs
- CMT 121 - Graphic Communication 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- CTAT 334 - Radio-Television News 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 424 - Technical Writing 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs
- JRNL 305 - Editorial, Column, and Review Writing 3 hrs
- JRNL 309 - Sports Writing 3 hrs
- JRNL 310 - Digital Journalism 3 hrs
- JRNL 311 - Newspaper Layout and Design 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs
- JRNL 423 - Magazine Article Writing 3 hrs
- JRNL 453 - Advanced Reporting 3 hrs
- JRNL 454 - Contemporary Problems in Journalism 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Language, Literature and Writing Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Joseph Csicsila
Email: jcsicsila@emich.edu

Program Adviser: Andrea Kaston Tange
Email: akastont@emich.edu

Program Adviser: Elizabeth Däumer
Email: edaumer@emich.edu

Program Adviser: Heather Neff
Email: heather.neff@emich.edu

Program Adviser: Craig Dionne
Email: craig.dionne@emich.edu

Program Adviser: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 6 hours

- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs

Restricted Elective Courses: 18 hours

One course from the following:

- CHL 208 - Multicultural Children's Literature (Gen Ed Area III) 3 hrs
- LITR 361 - Studies in Native American Literature 3 hrs
- LITR 362 - Studies in African American Literature 3 hrs

One period course from the following:

- LITR 309 - The Development of American Literature 3 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 312 - English Literature in the Middle Ages 3 hrs
- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- LITR 315 - Restoration and 18th-Century Literature 3 hrs
- LITR 316 - Romantic Rebellion in Britain 1798-1832 3 hrs
- LITR 317 - Victorian and Edwardian Literature 1832-1914 3 hrs
- LITR 360 - Recent Trends in British and American Literature 3 hrs

One course from major author, genre or literature and culture:

- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 405 - Shakespeare 3 hrs

- LITR 411 - Studies in Epic and Romance 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs
- LITR 420 - Studies in the British Novel 3 hrs
- LITR 421 - Studies in the American Novel 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs
- LITR 430 - Studies in Drama 3 hrs
- LITR 440 - Genre Studies 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- LITR 450 - Major Authors 3 hrs
- LITR 470 - Studies in Poetry 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs

One Linguistics course from the following:

- LING 205 - English Words 3 hrs
- LING 310 - African American Language 3 hrs
- LING 340 - Language and Culture 3 hrs
- LING 401 - Introduction to Linguistic Science 3 hrs
- LING 402 - Modern English Grammar 3 hrs
- LING 421 - The History of the English Language 3 hrs

One writing course from the following:

- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs

A second writing course from the following:

- ENGL 225 - Writing in a Changing World 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 326 - Research Writing 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Literature Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Joseph Csicsila
Email: jcsicila@emich.edu

Program Adviser: Andrea Kaston Tange
Email: akastont@emich.edu

Program Adviser: Elizabeth Däumer
Email: edaumer@emich.edu

Program Adviser: Heather Neff
Email: heather.neff@emich.edu

Program Adviser: Craig Dionne
Email: craig.dionne@emich.edu

Program Adviser: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 3 hours

- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 15 hours

One course from the following:

- LITR 361 - Studies in Native American Literature 3 hrs
- LITR 362 - Studies in African American Literature 3 hrs

One course from the following:

- LITR 309 - The Development of American Literature 3 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 312 - English Literature in the Middle Ages 3 hrs
- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- LITR 315 - Restoration and 18th-Century Literature 3 hrs
- LITR 316 - Romantic Rebellion in Britain 1798-1832 3 hrs
- LITR 317 - Victorian and Edwardian Literature 1832-1914 3 hrs
- LITR 360 - Recent Trends in British and American Literature 3 hrs

One course from the following:

- LITR 405 - Shakespeare 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs
- LITR 450 - Major Authors 3 hrs

One course from the following:

- LITR 411 - Studies in Epic and Romance 3 hrs
- LITR 420 - Studies in the British Novel 3 hrs
- LITR 421 - Studies in the American Novel 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs
- LITR 430 - Studies in Drama 3 hrs
- LITR 440 - Genre Studies 3 hrs
- LITR 470 - Studies in Poetry 3 hrs

One course from the following:

- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs

Elective Courses: 3 hours

Choose any additional course from the restricted electives above or one course from the following:

- LITR 210 - Introduction to Shakespeare (Gen Ed Area IV) 3 hrs
- LITR 251 - The Bible as Literature 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Language, Literature and Writing Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in English, certification code BA. The Michigan Test for Teacher Certification (MTTC) covering this field is #002, "English."

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Doug Baker
Email: douglas.baker@emich.edu

Program Adviser: John Staunton
Email: jstaunto@emich.edu

Program Adviser: Cathy Fleischer
Email: cathy.fleischer@emich.edu

Program Adviser: Bill Tucker
Email: wtucker@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 15 hours

- ENGL 300W - Writing About Literature (Gen Ed Area I, W) 3 hrs
- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs
- ENGL 408W - Writing for Secondary Teachers (Gen Ed Area I, W) 3 hrs
- ENGL 409 - Teaching English in the Secondary Schools 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs

Restricted Elective Courses: 15 hours

Multicultural Literature:

One course from the following:

- LITR 361 - Studies in Native American Literature 3 hrs
- LITR 362 - Studies in African American Literature 3 hrs

Period Literature:

One course from the following:

- LITR 309 - The Development of American Literature 3 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 312 - English Literature in the Middle Ages 3 hrs
- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- LITR 315 - Restoration and 18th-Century Literature 3 hrs
- LITR 316 - Romantic Rebellion in Britain 1798-1832 3 hrs
- LITR 317 - Victorian and Edwardian Literature 1832-1914 3 hrs

- LITR 360 - Recent Trends in British and American Literature 3 hrs

Young Adult Literature:

One course from the following:

- CHL 455 - Adolescent Literature 3 hrs

Major Author, Genre, or Culture:

One course from the following:

- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 405 - Shakespeare 3 hrs
- LITR 411 - Studies in Epic and Romance 3 hrs
- LITR 413 - The Poetry of Chaucer 3 hrs
- LITR 420 - Studies in the British Novel 3 hrs
- LITR 421 - Studies in the American Novel 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs
- LITR 430 - Studies in Drama 3 hrs
- LITR 440 - Genre Studies 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 450 - Major Authors 3 hrs
- LITR 470 - Studies in Poetry 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs

Language Study

One course from the following:

- LING 401 - Introduction to Linguistic Science 3 hrs
- LING 402 - Modern English Grammar 3 hrs
- LING 421 - The History of the English Language 3 hrs

Minor Total: 30 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
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General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Writing Minor

English Language and Literature Department Information:

Department Head: Mary K. Ramsey
Department Contact: mramsey6@emich.edu
Website: <http://www.emich.edu/english/>

Adviser Information:

Program Adviser: Ann Blakeslee
Email: ann.blakeslee@emich.edu

Program Adviser: Bernie Miller
Email: berniemill@aol.com

Program Adviser: Steve Krause
Email: skrause@emich.edu

Program Adviser: Phil Arrington
Email: parringto@emich.edu

Phone Number for Advisers: 734.487.4220

Required Courses: 9 hours

- ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W) 3 hrs

One course from the following:

- CRTW 335W - Creative Writing (Gen Ed Area I, W) 3 hrs
- ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W) 3 hrs
- ENGL 326 - Research Writing 3 hrs

One course from the following:

- CRTW 422W - Writer's Workshop (Gen Ed Area I, W) 3 hrs
- ENGL 417 - Rhetoric and the Written Word 3 hrs
- ENGL 424 - Technical Writing 3 hrs

Restricted Elective Courses: 12 hours

Twelve hours from the following:

- Any course listed as a requirement above including repeats of CRTW 335W - Creative Writing or CRTW 422W - Writer's Workshop, and ENGL 225 - Writing in a Changing World (3 hrs)
- CTAR 360 - Playwriting 3 hrs
- CTAR 361 - Dramatic Writing 2 hrs
- CTAT 344W - Continuity Writing for Electronic Media (Gen Ed Area I, W) 3 hrs
- ENGL 323W - Writing in the Professional World (Gen Ed Area I, W) 3 hrs
- ENGL 427 - Technical Editing 3 hrs
- ENGL 428 - Writing Computer Documentation 3 hrs
- ENGL 444 - Writing for the World Wide Web 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (Gen Ed Area I, W) 3 hrs
- JRNL 423 - Magazine Article Writing 3 hrs

Minor Requirements: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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University Information: Consult the online catalog at catalog.emich.edu.

Children's Literature

CHL 137 - Harry Potter: Literary Allusion, Children's Literature and Popular Culture (Gen Ed Area IV)

Students will read novels in J.K. Rowling's Harry Potter series; myths, legends and folktales on which they are based; and criticism written about the novels. They will focus on literary terminology, literary allusion, literary merit and the public debates about the role of the humanities in contemporary culture.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CHL 137 Harry Potter: Literary Allusion, Children's Literature & Popular Culture [was LITR137]

Since the books in the *Harry Potter* series are children's texts and a cultural phenomenon, they also have become symbols in larger cultural battles over religious values, literacy and the role of the children's literature in shaping the next generation's beliefs about gender, social class, race, imperialism, capitalism and spirituality. This makes these books an ideal model to use in a classroom to illustrate the relevance of literature and literary studies to society. A close study of these novels as complex literary works that have roots in classic literature, as cultural phenomena and as the objects of public debates can highlight for students all that is at stake in literary interpretation and cultural producing. Therefore, students in this course will explore questions such as: Do the books have literary value, or are they just commercial products? Are the books dangerous for children to read, or do they benefit children? Where is the line between literature, media and mass-produced products and should there/can there be a line? Why are these books so popular, and what does their popularity tell us about how we are and what we, as a culture, believe ourselves to be?

This engages students in current public debates about the Harry Potter novels, which can lead to an emphatic understanding of other points of view; because it will introduce students to basic literary terms and concepts and to current debates in the field; because students will be required to analyze and think critically about literary works in class discussion and in various writing assignments; and because students will be asked to develop their own interpretations of texts.

Last Updated: -

CHL 207 - Introduction to Children's Literature (Gen Ed Area IV)

A concentrated reading course designed to impart the knowledge necessary for an appreciation and understanding of children's literature and its use in the schools. In addition to reading the classics and the critically acclaimed works of both fiction and nonfiction by modern writers, students will study poetry, folklore and mythology, and examine the relationship between illustration and text. Does not count toward a major or minor in curricula for teachers in junior and senior high school.

Credit Hours: 3 hrs

Prerequisite: One 100-level LITR course

Class Restrictions: Sophomore standing

Course Revisions:

Course Revisions: This course will have a prerequisite change from "One 100-level LITR course" to "none," effective Winter 2013. The course revision also includes a class restriction change from "Sophomore standing" to "none."

Area IV: Knowledge of the Disciplines

CHL 207 Introduction to Children's Literature [was LITR 207]

Students will learn about the ways that children's literature cultivates aesthetic appreciation for both adults and children; they will learn literary terms and concepts and use these to discuss and to carefully read, research, interpret and write about works of children's literature; they will apply discursive practices of the field by completing a variety of written assignments; they will study works within social and historical contexts considering such factors as the publishing industry, printing technology, literacy development and the cultural construction of the child; and students will gain an understanding of the importance of diverse children's literatures to our culture. Students in the course will study a rich body of texts that can help to develop students' cultural literacy and knowledge of the humanities. A course introducing students to children's literature should cover not only contemporary works, but also the mythology, legends and folktales upon which many contemporary texts are based. Students also will read and study class texts from the Golden Age of children's literature such as *Alice's Adventure in Wonderland* or *The Wizard of Oz*. A necessary focus of the course is also the role of literature in a society and the ways that literature both affects and reflects cultural values: the books a culture writes for its children often reflect deeply-held beliefs about children, childhood and the role of literature their construction. Conversely, a culture's values and beliefs also are reflected in the books it chooses to keep away from its children. Therefore, the history of censorship of children's books also must be discussed and analyzed.

Last Updated: Prerequisite and Class Restriction Change 05/2012, effective Winter 2013

CHL 208 - Multicultural Children's Literature (Gen Ed Area III)

Introduction to literature for children and young adults by and about African Americans, Asian Americans, Latinos and Native Americans, including history of multicultural writing for the young; major issues of multiculturalism; historical and cultural background of each group; and critical apparatus for the selection, interpretation, and evaluation of such literature.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

CHL 208 Multicultural Children's Literature [was LITR 208]

A study of children's literature is also a study of the values, beliefs and attitudes of a society, since what adults offer to children reflects contemporary adult views. This course exposes students to multicultural literature for young readers, as well as the

history, beliefs, values and attitudes of underrepresented groups in the United States. Course design assures adequate representation of the literature by and about a wide selection of minorities in our country, with emphasis on four major cultures- African, Asian, Latino and Native Americans- as well as the diversity within each culture. Supplementary materials in history, cultural anthropology and philosophy provide a sound basis for the discussion of the literary works, but the primary focus is on the literature itself. The history of the development of multicultural literature for young readers, criteria for evaluation, literary criticism, as well as cultural authenticity are explored. Since this is an introductory course, it will also include a discussion of basic literary terms and literary criticism, as well as fundamental issues such as why we study literature, what culture means, how literature for young readers can inform us about culture, etc.

Last Updated: -

CHL 209 - Global Children's Literature (Gen Ed Area III)

Students will learn to examine critically a variety of literature for young readers from around the world, and thereby to comprehend and appreciate it. History and culture of representative nations and important political and social issues- such as human rights, war, genocide, social structure, intolerance, poverty, education and religion - will be explored. The course is designed for students who intend to work with children and young adults as teachers, librarians, parents, caregivers etc.

Credit Hours: 3 hrs

Last Updated: -

CHL 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CHL 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CHL 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CHL 351 - World Mythology

A study of the mythological traditions that have most significantly informed western civilization. The myths are discussed as literature and as people's attempts to understand themselves, their society and their physical environment.

Credit Hours: 3 hrs

Prerequisite: any 200-level LITR course

Course Revisions:

Course Revisions: This course will have a prerequisite change from "any 200-level LITR course" to "none," effective Winter 2013.

Last Updated: Prerequisite Change 05/2012, effective Winter 2013

CHL 352 - Folk Literature: Ballads and Folk Tales

A reading course in the traditional ballads and folk tales of Europe and North America with emphasis on those that appear in children's literature. Applies toward minor in children's literature only, but may be taken as a free elective.

Credit Hours: 3 hrs

Prerequisite: any 200-level LITR course

Course Revisions:

Course Revisions: This course will have a prerequisite change from "any 200-level LITR course" to "none," effective Winter 2013.

Last Updated: Prerequisite Change 05/2012, effective Winter 2013

CHL 353 - Genders and Sexualities in Literature for Young Readers

Students in this course will read, discuss, research and write about works of literature written for children and young adults and focused on issues of sexuality and gender.

Credit Hours: 3 hrs

Cross-Listed with: WGST 353

Last Updated: New Course, 11/2012, effective Winter 2013

CHL 450W - Children's Literature: Criticism and Response (Gen Ed Area I, W)

Practical criticism of children's literature, prose and poetry, designed to help students develop critical judgment and a clear prose style. Applies toward the minor in children's literature and the interdisciplinary major in children's literature and drama/theatre for the young.

Credit Hours: 3 hrs

Prerequisite: CHL 207

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHL 451W - Writing about Controversy in Literature for the Young (Gen Ed Area I, W)

This course will deal with strategies for the collection, organization and presentation of materials dealing with controversial issues in literature for young adults.

Credit Hours: 3 hrs

Prerequisite: ENGL 121 and CHL 207 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHL 453 - Illustrated Texts: Picture Books, Comics, and Graphic Novels

Course examines different kinds of illustrated texts written for audiences of young readers, including picture books, comics, graphic novels and illustrated novels. Students will learn about the history of and development of the genres and will learn terms and concepts to enable them to analyze complex interactions between words and images.

Credit Hours: 3 hrs

Last Updated: 6/29/2011

CHL 454 - Children's Literature: Fiction

An intensive study of major works of fiction for children with emphasis placed upon literary criticism, textual analysis and wide reading. Students will write papers, present oral reports and be tested regularly.

Credit Hours: 3 hrs

Last Updated: -

CHL 455 - Adolescent Literature

This course provides a forum for intense reading, discussion and exploration of the texts and issues associated with adolescent literature.

Credit Hours: 3 hrs

Prerequisite: CHL 207 or ENGL 300W

Last Updated: Links 04/2011

CHL 456 - Jewish Children's and Adolescent Literature

Students in this course will read and write about broad range of literary texts for children and adolescent readers written in or translated into English and chronicling the Jewish experience around the world.

Credit Hours: 3 hrs

Last Updated: New Course, 11/2012, effective Winter 2013

CHL 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CHL 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CHL 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CHL 497 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 1 hr

Prerequisite: nine hours in the appropriate major or minor

CHL 498 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 2 hrs

Prerequisite: nine hours in the appropriate major or minor

CHL 499 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 3 hrs

Prerequisite: nine hours in the appropriate major or minor

Creative Writing

CRTW 201 - Introduction to Creative Writing (Gen Ed Area IV)

A writing workshop introducing the basic forms and methods of poetry and fiction, through student writing projects, workshop discussions and the reading of contemporary creative work in these genres.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

CRTW 201 Introduction to Creative Writing

This course is a workshop in creative writing. Students acquire basic knowledge in the practice and evaluation of poetry and fiction, as well as in the use of literary vocabularies and techniques. Literary models will inspire and direct students' own creative writing and inquiry into the relationship between form and content and between critical and creative thinking. The discipline of creative writing as a field of art, one continuous with other arts, will be stressed in the course by focusing on the process of creativity and procedures for generating new writing. We expect students to experiment in forms and to explore the genres of

fiction and poetry, including the ground between them. We also encourage students to find forums and audiences for their creative work by editing and printing small collections of writing and by reading, exhibiting and performing their creative work.

CRTW 300 - Gateway to the Creative Writing Program (NEW COURSE)

This course is the point of entry for the Major and Minor in Creative Writing. The course is tailored specifically to equip students with the tools they need to succeed in upper division Creative Writing workshops, practicums and reading courses, as well as in the Capstone project. Topics include: theory and practice, formal innovation, interdisciplinarity, among others.

Credit Hours: 3 hrs

Prerequisite: CRTW 201

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

CRTW 335W - Creative Writing (Gen Ed Area I, W)

The study and practice of the techniques of creative writing, CRTW 335 focuses on a specific topic or approach to creative writing. Workshops of student writing, creative and critical responses to readings, and attendance at literary and artistic events on campus will be required.

Credit Hours: 3 hrs

Prerequisite: CRTW 300

Course Revisions:

Course Revisions: This course will have a prerequisite change from "CRTW 201" to "CRTW 300," effective Winter 2013.

Last Updated: Prerequisite Change 10/2012, effective Winter 2013; Links 04/2011

CRTW 422W - Writer's Workshop (Gen Ed Area I, W)

An advanced seminar workshop in a specific genre, sub-genre or approach to creative writing, CRTW 422W is designed to focus equally on student writing and examination of contemporary literary practices. This class is offered in a variety of topics and may be repeated for additional credit if topic is different.

Credit Hours: 3 hrs

Prerequisite: CRTW 335W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CRTW 426 - Contemporary Forms

An advanced, reading-intensive course on contemporary and innovative forms of literature, emphasizing structural models, formal techniques and redefinitions of literary conventions.

Credit Hours: 3 hrs

Prerequisite: CRTW 422W and any 200- or 300-level LITR course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Prerequisite Change 10/2011, effective Winter 2012; Graduate Credit 07/2011; Links 04/2011

CRTW 490 - Capstone Project (NEW COURSE)

Students in this course will create and complete capstone requirements for creative writing majors and gain experience in presenting their work to audiences.

Credit Hours: 3 hrs

Prerequisite: CRTW 201, CRTW 300, CRTW 335W and CRTW 422W

Concurrent Prerequisite: After completing all of the above, students may take additional classes in CRTW 335W and CRTW 422W concurrently with CRTW 490

Class Restrictions: Senior standing and above

Major Restrictions: Creative Writing students only

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

English Composition

ENGL 120 - Composition I: Writing the College Experience

Introduces use of writing and reading for inquiry. Students write extended essays about subjects relevant to the college experience using conventions of standard written English; assignments may also incorporate other genres and styles. Emphasis is placed on using writing and reading as a process for discovery, and on communicating ideas to audiences.

Credit Hours: 3 hrs

ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I)

Focuses on academic writing and inquiry. Students use multiple modes of research to develop literacy used in academic and other public contexts. Through extended reading and writing, students engage in the process of writing researched essays that reflect conventions of standard written English and standard documentation styles.

Credit Hours: 3 hrs

Area I: Effective Communication

ENGL121 Composition II: Research and Writing the Public Experience or *waiver*

In English 121, EMU students develop the foundation for writing, research and critical thinking strategies that they will use throughout their college careers and in the workplace. Writing is both a means of communication, and a tool for developing new ideas. Good writers are flexible. They know how to assess the expectations of a variety of audiences with whom they want to communicate and how to draw on or develop different strategies to meet those expectations. Good writers also understand that different kinds of writing have different conventions and they can move fluidly between those conventions. English 121 students develop these strategies that are key to effective communication throughout the course. Students write between 50-70 pages of draft work and between 20-30 pages of polished, final-draft work during the course of the semester, and that work is supported and directed by frequent feedback from the instructor.

ENGL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ENGL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ENGL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ENGL 225 - Writing in a Changing World

Students will analyze and produce writing intended to affect change in particular contexts. Writing in the course will include analysis of and reflections on contexts, genre features and audiences for writing. The course will culminate in a document reflecting understanding of these issues, preferably for an audience beyond the class.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Class Restrictions: Sophomore or Graduate standing

Last Updated: Links 04/2011

ENGL 277 - Special Topics

An examination of topics in English not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ENGL 121

Last Updated: Links 04/2011

ENGL 278 - Special Topics

An examination of topics in English not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ENGL 121

Last Updated: Links 04/2011

ENGL 279 - Special Topics

An examination of topics in English not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Last Updated: Links 04/2011

ENGL 300W - Writing About Literature (Gen Ed Area I, W)

An intermediate writing course that introduces students to a variety of critical practices in the study of literature and that teaches the conventions of writing about literature by focusing on reading and writing as interrelated activities.

Credit Hours: 3 hrs

Prerequisite: 6 hours of Humanities General Education coursework

Previously Listed As: ENGL 300

Last Updated: Links 01/2012

ENGL 307 - Writing Process for Elementary Teachers

A course integrating writing in various genres, editing with the conventions of grammar and usage, and teaching with writing-to-learn, reflection, and authentic assessment. Students will develop a writing portfolio and investigate strategies for teaching writing in the elementary classroom.

Credit Hours: 3 hrs

Major Restrictions: Language Arts Major, Language Arts Group Minor, and Elementary and Special Education—Elementary Teacher Certification students only

Notes: This course is typically offered fall, winter and spring or summer semesters

Last Updated: Prerequisite Change 06/2011, effective Summer 2011

ENGL 310 - Writing and Civic Literacy

An examination of the role of writing and rhetoric in shaping an informed public. Students use writing and related media to explore, analyze and advocate on issues of public concern. Emphasizes Literacy as the art and responsibility of contemporary citizenship.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Class Restrictions: Junior standing (Sophomore standing with restrictions)

Last Updated: Links 04/2011

ENGL 323W - Writing in the Professional World (Gen Ed Area I, W)

Prepares juniors and seniors majoring in education, the humanities and the social sciences to write in their profession.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Class Restrictions: Junior standing or higher

Previously Listed As: ENGL 323

Last Updated: Gen Ed Approval 5/2012; Links 01/2012

ENGL 324W - Principles of Technical Communication (Gen Ed Area I, W)

A course for juniors and seniors who wish to study the style and focus of communication that is particularly appropriate to the fields of science and technology.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Class Restrictions: Junior or Graduate standing

Previously Listed As: ENGL 324

Last Updated: Gen Ed Approval 5/2012; Links 04/2011

ENGL 326 - Research Writing

A course designed to explore the strategies, format and styles of writing appropriate for academic research with emphasis on the student's own field of study.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Class Restrictions: Sophomore or Graduate standing

Last Updated: Links 04/2011

ENGL 328W - Writing, Style and Technology (Gen Ed Area I, W)

An advanced writing course that explores a range of styles for multiple purposes, audiences and technologies. Applications of word processing, on-line discussion and Internet resources will be integrated with writing assignments.

Credit Hours: 3 hrs

Prerequisite: JRNL 215, ENGL 225, ENGL 300W, ENGL 323W, ENGL 324W or ENGL 326

Previously Listed As: ENGL 328

Last Updated: Gen Ed Approval 5/2012; Links 04/2011

ENGL 354 - Critical Digital Literacies

This course engages students in examining the new literacy practices of digital writing forums and technologies in concert with projects where they employ, learn and experience new digital writing technologies.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Class Restrictions: Sophomore standing

Last Updated: Links 04/2011

ENGL 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ENGL 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ENGL 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ENGL 387 - Cooperative Education in English

Employment for pay in a business or industry chosen to provide practical experience in the use of English skills. Work experiences generally are alternated with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Junior standing

ENGL 408W - Writing for Secondary Teachers (Gen Ed Area I, W)

A writing course for students preparing to teach in various disciplines in secondary schools. Students develop their skills as writers and learn how to teach writing in all content areas. Special focus on recent composition research, theory, and practices, and on strategies, materials and evaluation techniques.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W, ENGL 328W and admission to the Initial Teacher Preparation Program or permission of the instructor. Note: 10-hour practicum required - see instructor.

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ENGL 408W - Writing for Writing Teachers

Course Revisions:

Course Revisions: This course will have a title change from "Writing for Writing Teachers" to "Writing for Secondary Teachers," effective Winter 2013. The revision also includes a course description change and a prerequisite change from "ENGL 300W, ENGL 328W and admission to the Initial Teacher Preparation Program. Note: 10-hour practicum required - see instructor" to "ENGL 300W, ENGL 328W and admission to the Initial Teacher Preparation Program or permission of the instructor. Note: 10-hour practicum required - see instructor."

Last Updated: Title, Description and Prerequisite Change 10/2012, effective Winter 2013; Graduate Credit 07/2011; Links 04/2011

ENGL 409 - Teaching English in the Secondary Schools

For secondary English education majors with focus on appropriate methods and materials for teaching language arts in grades 7-12. Special attention will be given to lesson planning, evaluation techniques and classroom management.

Credit Hours: 3 hrs

Prerequisite: CURR 305, LING 201 and one LITR course at the 300-level; taken the term before student teaching; not open to students on academic probation; must have at least a 2.75 GPA in major; admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: ENGL 408W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 417 - Rhetoric and the Written Word

An advanced course introducing students to the concepts, principles, and approaches to classical and contemporary rhetoric and their relationship to today's written media.

Credit Hours: 3 hrs

Prerequisite: at least one 200-or-300-level ENGL course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 424 - Technical Writing

An advanced workshop that prepares students to communicate, particularly to write, on the job.

Credit Hours: 3 hrs

Prerequisite: ENGL 324W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 427 - Technical Editing

Editing of technical material for publication. Principles of style, format, graphics layout and publication management.

Credit Hours: 3 hrs

Prerequisite: ENGL 324W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 428 - Writing Computer Documentation

An advanced writing course that introduces students to the principles of designing, preparing and testing documents common in the computer industry, particularly software documentation for users.

Credit Hours: 3 hrs

Prerequisite: COSC 101 and ENGL 324W or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 444 - Writing for the World Wide Web

An advanced writing course focused on composing documents for publication on the World Wide Web and other electronic spaces, such as interactive CD-ROMs.

Credit Hours: 3 hrs

Prerequisite: ENGL 121 and ENGL 225, ENGL 300W or any 300-level ENGL class

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 477 - Special Topics

An examination of topics in English not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ENGL 121 and one writing course at the 200-level or above or department permission

Last Updated: Links 04/2011

ENGL 478 - Special Topics

An examination of topics in English not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ENGL 121 and one writing course at the 200-level or above or department permission

Last Updated: Links 04/2011

ENGL 479 - Special Topics

An examination of topics in English not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ENGL 121 and one writing course at the 200-level or above or department permission

Last Updated: Links 04/2011

ENGL 484W - Seminar in Written Communications (Gen Ed Area I, W)

A seminar requiring students to assess their progress in the major and to consider how their beliefs and practices concerning written communications relate to larger social and rhetorical considerations.

Credit Hours: 3 hrs

Prerequisite: ENGL 424

Previously Listed As: ENGL 484

Last Updated: Gen Ed Approval 5/2012; Links 04/2011

ENGL 487 - Cooperative Education in English

Employment for pay in a business or industry chosen to provide practical experience in the use of English skills. Work experiences generally are alternated with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

ENGL 488 - Internship in Technical Writing

Optional, practical on-the-job work experience for recommended students electing an opportunity provided by the department or finding an appropriate outside opportunity subsequently approved by the intern supervisor; paid or non paid. One hour credit for 10-15 hours per week; two hours for 16-25 hours; three hours for 26 and above.

Credit Hours: 1 hr

Prerequisite: Recommendation of technical writing professor; ENGL 324W and cumulative 3.0 GPA

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 489 - Internship in Technical Writing

Optional, practical on-the-job work experience for recommended students electing an opportunity provided by the department or finding an appropriate outside opportunity subsequently approved by the intern supervisor; paid or non paid. One hour credit for 10-15 hours per week; two hours for 16-25 hours; three hours for 26 and above.

Credit Hours: 2 hrs

Prerequisite: Recommendation of technical writing professor; ENGL 324W and cumulative 3.0 GPA

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 490 - Internship in Technical Writing

Optional, practical on-the-job work experience for recommended students electing an opportunity provided by the department or finding an appropriate outside opportunity subsequently approved by the intern supervisor; paid or non paid. One hour credit for 10-15 hours per week; two hours for 16-25 hours; three hours for 26 and above.

Credit Hours: 3 hrs

Prerequisite: Recommendation of technical writing professor; ENGL 324W and cumulative 3.0 GPA

Class Restrictions: Junior or Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ENGL 497 - Independent Study

An intensive study of a topic not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 1 hr

Prerequisite: nine hours in the appropriate major or minor

ENGL 498 - Independent Study

An intensive study of a topic not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 2 hrs

Prerequisite: nine hours in the appropriate major or minor

Journalism and Public Relations

JRNL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

JRNL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

JRNL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

JRNL 201 - Public Relations and Public Responsibility (Gen Ed Area IV)

An examination of professional responsibility in the context of public relations and business theory and practices. Throughout this course, students will examine various ethical questions and issues as they draw on a wide variety of sources including social science and management theories and models.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

JRNL 201 Public Relations & Public Responsibility

This course provides an introduction to a variety of social science methodologies while emphasizing the unique contribution and impact of public relations and business ethics on organizations, institutions, society and culture. In pursuit of that aim, students will study the various misconceptions about the practice of public relations, recognizing that many people hold varying definitions of the profession. Students will move from their widely held definitions of public relations to studying and investigating the social functions of public relations- on their way to understanding the all-inclusive and ethical roles public relations practitioners serve throughout our society in numerous different sectors- and how public relations ethics affect power relations and social change in society.

JRNL 213 - Introduction to Journalism (Gen Ed Area IV)

An exploration of the role and responsibility of journalism in American Society. Using historical context as well as contemporary media research and theory, the course examines the practices, obligations, and freedom of news producers, while focusing on the evolving responsibility of citizens in a democracy to become critical consumers of an participants in journalism. Student media

research.

Credit Hours: 3 hrs

Last Updated: 03/2011

JRNL 215 - News Writing and Reporting

An introduction to newspaper reporting. Learning to gather information and to write in an approved journalistic style. Courses offer practical instruction and working exercises in interviewing, news story development, lead writing and editing skills. Substantial use of computer lab.

Credit Hours: 3 hrs

JRNL 277 - Special Topics

An examination of topics in journalism not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Class Restrictions: Sophomore standing

JRNL 278 - Special Topics

An examination of topics in journalism not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Class Restrictions: Sophomore standing

JRNL 279 - Special Topics

An examination of topics in journalism not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

JRNL 305 - Editorial, Column, and Review Writing

Writing of interpretive articles, editorials, reviews and columns. Aimed at developing the student's critical faculties, it includes the study of public opinion and efforts to change it, the principles of argument and persuasion, and the aesthetic principles guiding cultural criticism.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Last Updated: Links 04/2011

JRNL 306W - Feature Writing (Gen Ed Area I, W)

Writing of feature and interpretive articles for newspapers and magazines. Emphasis is on idea generation, research, interviewing, narrative technique and organization of longer articles.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Last Updated: Links 03/2011

JRNL 307 - Copy Editing

Editing news articles for publication. Students learn style (Associated Press) and grammar in detail. Also study techniques for improving stories by tightening, checking accuracy and protecting against legal and ethical problems. Includes headline writing.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Last Updated: Links 04/2011

JRNL 309 - Sports Writing

A sports writing and reporting course that introduces students to the theory and practice of covering athletic events and sports controversies, interviewing players and coaches and writing under deadline pressure.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Last Updated: Links 04/2011

JRNL 310 - Digital Journalism

This course focuses on the recent history and current theories relevant to the digital news environment and the development of effective writing and reporting practices. Students also learn to use and enjoy technical tools and develop a dynamic understanding of the rhetorical, technical and aesthetic conventions of digital media.

Credit Hours: 3 hrs

Prerequisite: JRNL 213 and JRNL 215

Last Updated: Links 04/2011

JRNL 311 - Newspaper Layout and Design

Hands-on study of newspaper layout, design, pagination, and production. Emphasis is on presentation of the written word, photographs and graphics, using current newsroom publishing standards and software.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Last Updated: Links 04/2011

JRNL 312 - Introduction to Public Relations

Definition, historic aspects, evolution and ethics of public relations; the practical use of public relations by corporations, not-for-profit organizations, businesses, institutions and government; correlation of written, oral and visual skills.

Credit Hours: 3 hrs

Prerequisite: JRNL 215 and CTAC 124

Last Updated: Links 04/2011

JRNL 313 - History of American Journalism

A survey of the evolution of journalism in the United States and how journalism both has influenced and been influenced by the larger history of America. Emphasis is placed on the history of newspaper and magazine journalism and on key journalists of enduring importance.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

JRNL 314 - Writing for Public Relations

Practical experience in writing press releases, broadcast announcements, speeches and scripts to present a project or product; preparing brochures, newsletters, annual reports, memos and proposals; implementing public relations campaigns.

Credit Hours: 3 hrs

Prerequisite: JRNL 312

Last Updated: Links 04/2011

JRNL 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

JRNL 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

JRNL 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

JRNL 387 - Cooperative Education in Journalism/Public Relations

Employment for pay in the print media, public relations or publishing fields to provide practical experience for skills learned in the classroom. Work experiences generally are alternated with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admittance by application to the Cooperative Education Office and recommendation approved by a journalism professor

Class Restrictions: Junior or Senior standing

JRNL 408W - Case Studies in Public Relations (Gen Ed Area I, W)

Solving problems and managing controversy in the day-to-day pursuit of public relations; legal considerations; crisis communication; professionalism and public responsibility in public relations.

Credit Hours: 3 hrs

Prerequisite: JRNL 314

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

JRNL 423 - Magazine Article Writing

A writing course to develop skills in researching, writing and marketing nonfiction articles longer and more complex than newspaper feature stories. Emphasis is on individual completion of articles of professional quality.

Credit Hours: 3 hrs

Prerequisite: ENGL 328W or JRNL 306W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

JRNL 453 - Advanced Reporting

Researching and writing news stories dealing with complex topics including courts, politics, government, finance, labor and education. Emphasis is on journalistic initiative and investigative reporting.

Credit Hours: 3 hrs

Prerequisite: JRNL 215

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

JRNL 454 - Contemporary Problems in Journalism

Emphasis on student investigation, reporting and writing on selected ethical problems in the media industry, such as conflicts between advertising and editorial content and actual or perceived conflicts of interest between journalists and people they cover. Emphasis on conducting in-depth studies of major social issues and quality of media coverage.

Credit Hours: 3 hrs

Class Restrictions: Junior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

JRNL 455 - Journalism Law and Ethics

An advanced professional course exploring legal and ethical issues surrounding journalism. Topics will include defamation of character, invasion of privacy, copyright, conflicts between the press and the courts, hate speech, obscenity, access to government records, broadcast regulations and various forms of censorship, as well as conflicts of interest, fairness and professional conduct.

Credit Hours: 3 hrs

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

JRNL 477 - Special Topics

An examination of topics in journalism not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Class Restrictions: Junior standing

JRNL 478 - Special Topics

An examination of topics in journalism not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Class Restrictions: Junior standing

JRNL 479 - Special Topics

An examination of topics in journalism not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Class Restrictions: Junior standing

JRNL 487 - Cooperative Education in Journalism/Public Relations

Employment for pay in the print media, public relations or publishing fields to provide practical experience for skills learned in the classroom. Work experiences generally are alternated with full-time attendance in the classroom.

Credit Hours: 3 hrs

Prerequisite: Admittance by application to the Cooperative Education Office and recommendation approved by a journalism professor

Class Restrictions: Junior or Senior standing

JRNL 488 - Internship in Journalism/Public Relations

Optional, practical on-the-job work experience for recommended students electing an opportunity provided by the department or finding an appropriate outside opportunity subsequently approved by the intern supervisor; paid or nonpaid. One hour credit for 10 hours work per week; two hours for 11-17 hours; three hours for 18 and above.

http://www.emich.edu/english/journalism/career_resources.php

Credit Hours: 1 hr

Prerequisite: Recommendation of journalism professor

Class Restrictions: Junior or Senior standing

JRNL 489 - Internship in Journalism/Public Relations

Optional, practical on-the-job work experience for recommended students electing an opportunity provided by the department or finding an appropriate outside opportunity subsequently approved by the intern supervisor; paid or nonpaid. One hour credit for 10 hours work per week; two hours for 11-17 hours; three hours for 18 and above.

http://www.emich.edu/english/journalism/career_resources.php

Credit Hours: 2 hrs

Prerequisite: Recommendation of journalism professor

Class Restrictions: Junior or Senior standing

JRNL 490 - Internship in Journalism/Public Relations

Optional, practical on-the-job work experience for recommended students electing an opportunity provided by the department or finding an appropriate outside opportunity subsequently approved by the intern supervisor; paid or nonpaid. One hour credit for 10 hours work per week; two hours for 11-17 hours; three hours for 18 and above.

http://www.emich.edu/english/journalism/career_resources.php

Credit Hours: 3 hrs

Prerequisite: Recommendation of journalism professor

Class Restrictions: Junior or Senior standing

JRNL 497 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the instructor and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 1 hr

Prerequisite: nine hours in the appropriate major or minor

JRNL 498 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the instructor and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 2 hrs

Prerequisite: nine hours in the appropriate major or minor

JRNL 499 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the instructor and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 3 hrs

Prerequisite: nine hours in the appropriate major or minor

Linguistics

LING 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

LING 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

LING 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

LING 201 - An Introduction to Linguistics

An introduction to phonology, morphology, syntax, the lexicon, semantics, sociolinguistics, psycholinguistics and other concerns.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

LING 205 - English Words

Principles of sound, form and meaning relationships facilitate the student's mastery of word structure, spelling, use and comprehension in a language science approach to the analysis of native English words and the foreign vocabulary that is frequently used in English speech and writing. Addresses linguistic, social, historical and other factors in the development of English, fostering greater linguistic sophistication and appreciation for the richness of the English language.

Credit Hours: 3 hrs

LING 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

LING 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

LING 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

LING 310 - African American Language

A survey of the history of African American language from African origins to the present day. Details of the structure (i.e. sounds, words, sentence and discourse patterns) of African American English and its functions in American culture, from everyday language use to its employment in literature and other verbal arts. Special attention is paid to issues resulting from contact between different language varieties and the pervasiveness of linguistic diversity in the U.S. and around the world.

Credit Hours: 3 hrs

Prerequisite: LING 201 or LNGE 223 or AAS 101

Last Updated: Links 04/2011

LING 322 - Languages of the World

A survey of the variety of language and language groups of the world. Topics covered include: origins of human language, language relationships, the ways language changes and why, unusual writing systems and linguistic exotica.

Credit Hours: 3 hrs

LING 340 - Language and Culture

An introduction to a linguistic view of language and the ways it is influenced by the cultural and social context. Topics covered may include, but are not limited to: argots, jargon, metaphor, names, kinship systems, cross-cultural communication, ethnography of communication, dialectology and sociolinguistics, language and ethnicity, and language and gender.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or LING 201 or LNGE 223

Cross-Listed with: ANTH 340

Previously Listed As: ENG 340

Last Updated: Cross-listed Course Update 01/2012; Links 04/2011

LING 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

LING 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

LING 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

LING 401 - Introduction to Linguistic Science

An introduction to linguistic theory and analytical procedures. Students will apply theoretical principles to problems of phonological and syntactic analysis.

Credit Hours: 3 hrs

Prerequisite: LING 201 or LING 223

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LING 402 - Modern English Grammar

An introduction to the grammar of modern English: problems in the description and analysis of English grammar.

Credit Hours: 3 hrs

Prerequisite: Junior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

LING 415 - Women and Language

This course analyzes the way that gender is reflected in language structure and linguistic behavior, in both English and other languages. It will consider such topics as gender-related vocabulary and morphology, gender differences in discourse styles and the question of whether gender-related language differences have neurological correlates or are exclusively social in origin.

Credit Hours: 3 hrs

Prerequisite: a 200-, 300- or 400-level LING course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

LING 420W - Introduction to Phonetics and Phonology (Gen Ed Area I, W)

An introduction to articulatory and acoustic phonetics and to the basic principles and methodology of phonological analysis.

Credit Hours: 3 hrs

Prerequisite: LING 401

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: LING 420

Last Updated: Gen Ed Approval 5/2012; Graduate Credit 07/2011; Links 04/2011

LING 421 - The History of the English Language

A study of the development of the language from its earliest stages to the present with attention to social influences as well as matters of sound, word formation and sentence structure.

Credit Hours: 3 hrs

Prerequisite: LING 201 or LING 401

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LING 425W - Introduction to Syntax (Gen Ed Area I, W)

The development of a base in syntactic theory, learning both the mechanisms of a transformational grammar and the argumentation used in syntactic analysis.

Credit Hours: 3 hrs

Prerequisite: LING 401

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 02/2011 effective Fall 2011

LING 426 - Topics in Linguistics

Advanced study in specific areas of linguistics for which the department does not regularly offer a course. The area to be studied will vary and will be determined by the field of specialization of the staff members and by student interest. This course may be taken more than once, provided the topics are different.

Credit Hours: 3 hrs

Prerequisite: a 200-, 300- or 400-level LING course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

LING 434 - The Linguistic Analysis of Literature

Examination of the linguistic knowledge which allows readers to recognize certain literary effects. Consideration of point of view shift, foregrounding, narrative time movement, presupposition and other aspects of literary interpretation.

Credit Hours: 3 hrs

Prerequisite: a 200-, 300- or 400-level LING course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

LING 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LING 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LING 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LING 497 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the instructor and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 1 hr

Prerequisite: nine hours in the appropriate major or minor

LING 498 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the instructor and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 2 hrs

Prerequisite: nine hours in the appropriate major or minor

LING 499 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the instructor and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 3 hrs

Prerequisite: nine hours in the appropriate major or minor

Literature

LITR 100 - Worlds on the Page: An Intro to LIT (Gen Ed Area IV)

An introduction to the techniques of critical reading with equal emphasis on prose fiction, poetry and drama. Development of a fundamental understanding and enjoyment of reading.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

LITR 100 Reading of Literature

Literature captures the hopes, politics, emotions and ideals not just of individuals, but of generations. Reading literature provides a window into cultures past. It also reveals how creative expressions can shape individual and community understandings of the world in which we live. Literature 100 is designed to cultivate students appreciation of literary texts by providing a context to learn about the formal and historical features of different kinds of poems, plays and works of fiction. This class introduces terms important for the critical understanding of poetry, drama and fiction as imaginative literary forms. It also helps students analyze poems, plays and stories as products of the cultures that produced them and as texts that have impacted and influenced societies. Because the course focuses on different types of literature in historical contexts, students will gain a nuanced understanding of the cultural meaning of poetry, drama and fiction and learn to interpret literary texts as complex social practices that are also meaningful as human art.

LITR 101 - Imaginary Worlds: An Intro to Fiction (Gen Ed Area IV)

Reading and critical analysis of prose fiction intended to deepen the student's understanding and enjoyment of prose fiction.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

LITR 101 Reading of Literature: Fiction

Fiction draws readers in by presenting compelling characters, engaging situations or familiar human problems. Whether the worlds in fiction feel comfortably realistic or expand a reader's horizons with their newness, fiction remains popular for its ability to explore the boundaries of human possibility. Literature 1010 is designed to cultivate students' appreciation of prose fiction by providing a context to learn about the formal and historical features of different kinds of short stories and novels. This class introduces terms important for the critical understanding of fiction as an imaginative literary form. It also helps students analyze the plots, character and setting of fiction not only as windows into the themes of the texts but as literary works that have impacted and influenced the on-going traditions of Western literature. Because the course focuses on different types of fiction in historical contexts, students gain a nuanced understanding of the cultural meaning of fiction and learn to interpret these texts as a complex social practice meaningful as human art.

LITR 102 - Metaphor Matters: An Intro to Poetry (Gen Ed Area IV)

Reading and critical analysis of poetry intended to deepen the student's understanding and enjoyment of poetry.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

LITR 102 Reading of Literature: Poetry

Literature 102 provides an overview of key elements poets consider while writing and readers consider when reading poetry-including imagery, voice, tone, rhythm and poetic forms. It is designed to introduces students to poetry by a wide range of writers living at different historical moments, discussing the relationship between culture and literature as well as offering a vision of

how poetry changes over time. Literature 102 will help students learn to analyze poetry not only in terms of its form and its ideas but also as an art form with implications for the development of and/or response to culture.

LITR 103 - All the World's a Stage: An Intro to Drama (Gen Ed Area IV)

Reading and critical analysis of drama intended to deepen the student's understanding and enjoyment of drama.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

LITR 103 Reading of Literature: Drama

Drama, perhaps more than any other literary form, brings the written word to life. On stage, actors offer an audience an interpretation of a play. In writing, drama offers readers a chance to imagine themselves as other people and to examine the consequences of making choices in situations that might otherwise feel foreign. The result of reading drama thus can often be greater understanding of both oneself and others. Literature 103 is designed to cultivate students' appreciation of dramatic literature by giving them a context to learn about the formal and historical features of different kinds of plays and theatrical texts. This class gives students terms important for the critical understanding of drama as an imaginative literary form. It also helps students analyze the plots, character and setting of drama not only as windows into the themes of the plays but as literary works that have impacted and influenced the on-going traditions of literature. Because the course focuses on different types of drama in historical contexts, students gain a nuanced understanding of the cultural meaning of drama and learn to interpret drama as a complex social practice meaningful as human art.

LITR 106 - Rome and America (Gen Ed Area IV)

A comparison of the people and culture of ancient Rome and modern America, considering individual hopes and ideals, religious beliefs and ideas about death, government, morality, love and sex. Team taught by a member of the English Department and a classicist.

Credit Hours: 6 hrs

Cross-Listed with: CLAS 106

Area IV: Knowledge of the Disciplines

LITR 106 Rome & America (Honors ONLY) [effective Spring 2008]

This course introduces students to the humanities disciplines of the study of American literature and of ancient Roman literature. By its strong emphasis on comparative analysis, the course facilitates a clear understanding of the literary concept of genre (e.g., satire, epic, lyric, novel, etc.). Besides issues of literary theory, the course also encourages the appreciation of continuity in major themes, such as the definition of "heroism" or of the "successful" life, the gender system of the relevant cultures, and social class distinctions, as well as the techniques (e.g., parody, irony, allegory, symbolism, etc.) common to the literatures of classical Roman antiquity and present-day American. By examining literary works from two cultures remote in time and place from each other, students learn to grasp and evaluate what is traditional and what is innovative in each.

Last Updated: Links 04/2011

LITR 150 - Humanity and Technology

A brief study of distinctive and influential perceptions of the impact of technology on human values just after the first Industrial Revolution, with critical emphasis on problems concerning the use of special, refined technologies. Primary readings from Thoreau, Mark Twain, Henry Adams, Aldous Huxley, Lewis Mumford and Garrett Hardin. This course satisfies one literature requirement.

Credit Hours: 3 hrs

Notes: See honors humanities courses.

LITR 160 - African American Literature (Gen Ed Area III, IV)

This course introduces students to the study of African American literature, thought and cultural practices through an examination of the oral traditional, texts, music and visual arts of African Americans and other peoples of the African diaspora. Readings include oral narratives, fiction, poetry, drama, autobiography, political treatises and essays from 1619 to the present.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

LITR 160 African American Literature [was LITR 260]

Literature 160 introduces students to the study of African American literature, thought and cultural practices through an examination of the oral traditions and literary texts of African Americans. Throughout the study of spoken stories and written texts we will also examine the formation and expression of African American identity in relation to Europeans and other non-white ethnic groups. The class will explore the legacy of slavery in its many forms, including disenfranchisement, racial and economic segregation and the history of violence against African Americans, as well as the struggle of African Americans to be recognized as an integral political and cultural presence within the United States. Through the reading, discussion and analysis of African American literature, we will examine the development of this literary tradition and the histories, philosophies and sociological and cultural practices of African Americans.

Area IV: Knowledge of the Disciplines

LITR 160 African American Literature [was LITR 260]

Literature 160 introduces students to the study of African American literature, thought and cultural practices through an examination of the oral traditions and literary texts of African Americans. Through the study of spoken stories and written texts we will also examine the formation and expression of African American identity in relation to Europeans and other non-white ethnic groups. The class will explore the legacy of slavery in its many forms, including disenfranchisement, racial and economic segregation and the history of violence against African Americans, as well as the struggle of African Americans to be recognized as an integral political and cultural presence within the United States. Through the reading, discussion and analysis of African American literature, we will examine the development of this literary tradition and the histories, philosophies and sociological and cultural practices of African Americans.

LITR 161 - Native American Literature (Gen Ed Area III, IV)

A course in the oral and written literature of Native American cultures — emphasizing memoirs, essays, fiction, poetry, drama and film of the 20th and 21st centuries — examined within their cultural and historical contexts. This course will promote and understanding of traditional Native world views, as well as examine the impact of Native peoples' contact with other cultures.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

LITR 161 Native American Literature [was LITR204]

Literature 161 will study the oral and written literature's of Native American cultures, with emphasis upon the authored memoirs, essays, fiction, poetry and film of the twentieth and twenty-first centuries. Students will read and become familiar with a range of oral traditional and 19th, 20th and 21st century texts by Native American writers from a variety of Native North American cultures, and they should be able to identify continuities between oral traditional and contemporary Native texts. Texts studied

will be examined within their cultural and historical contexts. This course will promote an understanding of traditional Native world views, in conjunction with an awareness of the ways in which the ongoing legacy of colonialism and contact with other cultures have impacted Native peoples, and it will explore current debates and issues in the field of Native American studies. Through their exposure to Native literatures, students should become more sensitive to and understanding of other cultures. They should also be aware of their own cultural views and the impact that those views have on other cultures. Students should more readily recognize stereotypes about Native Americans and other groups of peoples. In general, they should become better world citizens through their development of critical thinking skills about cross-cultural issues. Students will be encouraged to make connections to the local Native American community by attending PowWows and other available events. Through their studies, students will gain an appreciation of the rich diversity, strength and beauty in Native cultures and literary traditions.

Area IV: Knowledge of the Disciplines

LITR 161 Native American Literatures [was LITR 204]

Literature 161 will study the oral and written literatures of Native American cultures, with emphasis upon the authored memoirs, essays, fiction, poetry and film of the twentieth and twenty-first centuries. Students will read and become familiar with a range of oral traditional and 19th, 20th and 21st century texts by Native American writers from a variety of Native North American cultures, and they should be able to identify continuities between oral traditional and contemporary Native texts. Texts studied will be examined within their cultural and historical contexts. This course will promote an understanding of traditional Native world views, in conjunction with an awareness of the ways in which the ongoing legacy of colonialism and contact with other cultures have impacted Native peoples, and it will explore current debates and issues in the field of Native American studies. Through their exposure to Native literatures, students should become more sensitive to and understanding of other cultures. They should also be aware of their own cultural views and the impact that those views have on other cultures. Students should more readily recognize stereotypes about Native Americans and other groups of peoples. In general, they should become better world citizens through their development of critical thinking skills about cross-cultural issues. Students will be encouraged to make connections to the local Native American community by attending PowWows and other available events. Through their studies, students will gain an appreciation of the rich diversity, strength and beauty in Native cultures and literary traditions.

LITR 163 - Jewish-American Literature and Culture (Gen Ed Area III)

This course examines the complex position of Jews in America — considering minority status, assimilation and cultural history of Jewish population — by focusing on poetry, prose and drama that reflects awareness of both an oppressive European past and a desire to move forward in the vibrant intellectual life of the 20th and 21st centuries.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

LITR 163 Introduction to Jewish American Literature [was LITR279]

Introduction to Jewish American Literature asks students to consider what kinds of contributions Jews have made to American life, and what kinds of struggles they have had to endure in order to make those contributions. In particular, the course asks students to consider how American Jews have represented themselves and their cultural situations in the literary genres of poetry, prose and drama. Introduction to Jewish-American Literature meets the U.S. Diversity requirement of the new general education curriculum because it demonstrates how Jewish Americans have constructed themselves within a nation that has often been far from accepting of difference. It also asks students to appreciate how literature written by Jews has helped to reconstruct American attitudes about the accommodation of marginalized groups.

LITR 164 - Introduction to Asian American Literature (Gen Ed Area III)

This course is designed to help students examine the experiences of Asian Americans in the U.S. as shown through prose and poetry. Course work is framed through historical cultural backgrounds, the immigrant experience and current ideological perspectives of persons who self-identify as both Asian and American. Film screenings provide further context for study.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

LITR 164 Introduction to Asian American Literature [effective Spring 2008]

Asian peoples account for a significant portion of immigrants to the U.S. Asian American literature will provide a means for students to understand Asian American experiences in the U.S. through fiction and poetry, supplemented by occasional films. By discussing the relationship between literature and culture, students will identify issues related to ethnicity, class and gender in the U.S. from multiple Asian perspectives. Understanding these issues can promote their success in the global U.S. community. For these reasons Literature 164 meets the requirements for a U.S. Diversity course in the General Education program.

LITR 171 - Imagining the Holy Land (Gen Ed Area III)

"Imagining the Holy Land," looks at a multiplicity of texts-literary, historical, political, cinematic- and asks General Education level students to consider why, since the time of the Crusades, the three "peoples of the book," Jews, Christians, and Muslims, have engaged in conflict over the area now called Israel.

Credit Hours: 3 hrs

Last Updated: Links 03/2011

LITR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LITR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LITR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LITR 180 - Rebels and Outsiders in Literature (NEW COURSE)

In-depth, multi-genre study of literature that goes against the grain of societal and/or literary conventions; the focus is on themes or literary movements that represent the position of outsiders or rebels. Texts will be examined in their historical, cultural, and

critical contexts. Specific topics vary by instructor (see subtitles in the schedule).

Credit Hours: 3 hrs

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

LITR 181 - The Legacy of Greece

An introduction to Greek epic, drama, poetry, history and philosophy, illustrating the influence of the Greek tradition on Western civilization. The literature is read in English translation. Representative examples of Greek architecture and sculpture also are examined. Team taught by a classicist and/or a member of the English Department. This course satisfies one literature requirement.

Credit Hours: 3 hrs

Cross-Listed with: CLAS 181

Notes: See honors humanities courses.

Last Updated: Links 04/2011

LITR 200 - Literary Studies for Literature Lovers (Gen Ed Area IV)

An intensive introduction to poetry, fiction and drama designed to appeal to the enthusiast who loves reading literature. Especially useful for those considering majoring in literary studies or English education. Course content is thematically focused (themes vary by instructor) and covers multiple literary periods as well as writing in different styles.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

LITR 200 Literary Studies for Literature Lovers

LITR 200 is designed to provide students who love literature with a framework for thinking critically about the texts that they read. In this intensive introduction to literary studies, course readings focus on exposing students to multiple genres of writing (fiction, poetry and drama), locating particular texts within the cultural context in which they were produced, and tracing the evolution of one or more literary themes through multiple historical periods. Students will be challenged to consider literature from a range of perspectives and literary periods, through a sustained look at different types of writing within each major genre. In considering thematic or structural similarities between individual texts, students will come to see how literature both reflects and inspires changes in imaginative, political, social and/or cultural practices.

LITR 201 - Introduction to Science Fiction (Gen Ed Area IV)

This course is designed to expose students to the genre of science fiction through a survey of some of the greatest short stories and novels of this genre. We will explore the elements of science fiction through a study of form, theme, character and technique and develop the critical reading skills necessary for independent literary analysis.

Credit Hours: 3 hrs

Last Updated: 03/2011

LITR 202 - Current Events in World Literature (Gen Ed Area III)

An introduction to world literature designed to appeal to the students interested in reading contemporary novels, plays and poetry in the context of current events in culture and politics of different communities across the globe. Course content is thematically focused and covers multiple literary genres as well as writing in different styles.

Credit Hours: 3 hrs

Last Updated: Links 03/2011

LITR 210 - Introduction to Shakespeare (Gen Ed Area IV)

An introduction to at least five of Shakespeare's plays with emphasis upon the tragedies.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

LITR 210 Introduction to Shakespeare

LITR 210 allows students to explore the creative imagination of one of the most influential geniuses of western culture, William Shakespeare, as well as the cultural environment- Elizabethan and Jacobean London- that stimulated and shaped it. LITR 210 is designed to provide students who love literature- and have an interest in learning more about Shakespeare - with a framework for thinking critically about Shakespeare's writing. Students will conduct formal analysis of plays, as well as more critical analysis of the surrounding history and language associated with his work. Students will not only develop a sense of Shakespeare's plays as theatrical productions, they also interact with the plays as literary texts, developing interpretations of character motivation, exchanging ideas on possible themes and dramatic conflicts and comparing and contrasting one play with another. In this intensive introduction to Shakespeare's dramatic and lyric writing, course readings focus on exposing students to Shakespeare's different genres of writing, locating his drama in the cultural contexts in which they were produced. Because Shakespeare has been such an influence on many writers throughout the centuries, the study of his work provides the opportunity to study how different literary and dramatic tastes evolve through time.

LITR 241 - Global Images, Narrative Worlds (Gen Ed Area III)

A survey of fiction and film from around the world that elucidates the narrative structures in international fiction and film; illustrates how these structures influence the perception of other people and places; and demonstrates the ways in which narrative imagination promotes global awareness and cross-cultural understanding.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

LITR 241 Global Images, Narrative Worlds

LITR 241 will draw on the considerable expertise of English Department faculty in both narrative theory and cultural studies, expertise which befits the host department for the *Journal of Narrative Theory*. This course concentrates on the narrative techniques found in fiction and film from around the world. Finally, the film series organized in conjunction with this course (provided room and instructor availability) will be open to the larger EMU community, not just to students officially registered for the class.

Last Updated: Title change 10/2009

LITR 251 - The Bible as Literature

Introduction to the literary study of the Bible. The Old Testament is represented chiefly by specimens of narrative and prophetic writings; the New Testament by selected incidents, parables and sayings from the life of Jesus as portrayed in the synoptic

gospels. Discussion of Biblical influences upon English and American literature.

Credit Hours: 3 hrs

Prerequisite: one 100- or 200-level LITR course

LITR 277 - Special Topics

An examination of topics in literature not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: one 100- or 200-level LITR course

LITR 278 - Special Topics

An examination of topics in literature not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: one 100- or 200-level LITR course

LITR 279 - Special Topics

An examination of topics in literature not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: one 100- or 200-level LITR course

LITR 309 - The Development of American Literature

A study of American literature from colonial times to 1890, including such writers as Bradstreet, Franklin, Hawthorne, Melville, Thoreau, Emerson, Whitman, Dickinson, Twain and James.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 310 - Modern American Literature

A study of American literature from 1890 to the present, including such writers as Crane, Frost, Cather, Elliot, O'Neill, Fitzgerald, Faulkner, Hemingway, Bellow, Baldwin, O'Connor and Updike.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 312 - English Literature in the Middle Ages

A survey of Old and Middle English literature from Beowulf to Malory, tracing the themes, genres and literary techniques of early English literature.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 314 - English Renaissance Prose and Poetry 1500-1660

Major authors from the age of Shakespeare to the close of the Renaissance, including the humanists, lyric poets, Spenser, Bacon, Donne and the metaphysicals, and Milton.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 315 - Restoration and 18th-Century Literature

A study of British literature from the Restoration of Charles II through the Enlightenment and French Revolution (1660-1798), including such authors as Ben, Defoe, Swift, Montague, Equiano, Pope, Fielding, Gray, Walpole, Burney, Goldsmith and Wollstonecraft.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 316 - Romantic Rebellion in Britain 1798-1832

A study of the shift in literary emphasis in Britain from reason to the emotions, imagination and individualism in the works of Wordsworth, Coleridge, Lamb, DeQuincey, Hazlitt, Byron, Shelley and Keats.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 317 - Victorian and Edwardian Literature 1832-1914

A study of prose and poetry of such authors as Carlyle, Mill, Tennyson, Browning, Ruskin, Arnold, Hopkins, Swinburne, Hardy, Pater, Wilde, Kipling and others.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 360 - Recent Trends in British and American Literature

A study of innovations in recent British and American poetry, fiction or drama. The particular focus of the course to be taught in a given semester will be announced in the class schedule bulletin.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 361 - Studies in Native American Literature

This course will study in-depth, the oral and written literature of Native North American cultures, with emphasis on the authored memoirs, essays, fiction, poetry and drama of the 20th and 21st centuries. Students will become familiar with the historical, cultural and critical contexts for oral traditional and contemporary texts studied.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 362 - Studies in African American Literature

This course will examine the development of the African American literary tradition from its beginnings as an oral and aural art to texts written in the 21st century. Emphasis will be on the literary movements which define the tradition. Students will become conversant with the theory, critical terminology, historical contexts and interpretive practices relevant to the study of African American literature.

Credit Hours: 3 hrs

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Concurrent Prerequisite: ENGL 300W

Last Updated: Links 04/2011

LITR 400 - Narrative in Literature and Film

A study of the aesthetic parallels in narrative technique between certain prose forms (novel, novella, romance, satire) and film as a means of enhancing verbal, visual and cultural literacy. This course will comprehend films from the origin of cinema to the present, as well as a variety of literary works from multiple periods, showing how they have worked in tandem to engender social constructs and the cultural heritage.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Class Restrictions: Sophomore standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 405 - Shakespeare

A study of at least eight of the principal plays.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Class Restrictions: Sophomore standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 411 - Studies in Epic and Romance

A critical reading of foreign (in translation) and English epics and romances (and their sources). The treatment will be both historical and comparative.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 413 - The Poetry of Chaucer

An introduction to the major works of Chaucer: a close reading of representative poetry.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 420 - Studies in the British Novel

This course will explore the emergence and development of the novel as a popular genre in English literature, with special emphasis on the cultural, political and historical conditions that it both reflects and helps to construct.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 421 - Studies in the American Novel

A study of the American novel from its beginnings in the 19th century to the present, with particular emphasis on its development over time.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 422 - Studies in the Novel in Global Perspective

A study of the novel outside England and the United States, with particular emphasis on generic variations that reflect political and social forces within specific contexts.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 430 - Studies in Drama

A study of drama as it develops over time and is shaped by changing literary and social practices, including but not limited to the early British drama, restoration comedy, modern drama and English theatre in a global perspective.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 440 - Genre Studies

A study of the characteristics of a particular literary genre, independent of chronology, theme or author.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 443 - Women in Literature

A study of women and their experiences as described in literature.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: WGST 443

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 445 - Sexualities in Literature and Culture

A seminar devoted to theorizing and articulating the relationships between literature and culture, focusing on the diverse and shifting forms of sexuality manifested in the cultural imagination across several literary periods.

Credit Hours: 3 hrs

Prerequisite: Six hours of 300-level course work in one of the following prefixes-ENGL, LITR, HIST, PHIL - or Department Permission

Cross-Listed with: WGST 445

Last Updated: New Course, 11/2012, effective Winter 2013

LITR 450 - Major Authors

An intensive study of a major literary figure or a group of related authors. The particular author to be taught in a given semester will be announced in the class schedule bulletin.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

LITR 470 - Studies in Poetry

A study of different poetic genres in English literature as they develop over time and are shaped by changing aesthetic conventions and social practices.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 477 - Special Topics

An examination of topics in literature not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 478 - Special Topics

An examination of topics in literature not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 479 - Special Topics

An examination of topics in literature not covered in other departmental offerings. Students may elect this course more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 480 - Studies in Literature and Culture

A seminar course devoted to theorizing and articulating the relationships between literature and culture.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 490 - Senior Seminar

This seminar requires students to understand and analyze literature in English from different historical and cultural perspectives, with an emphasis on current trends in literary theory.

Credit Hours: 3 hrs

Prerequisite: ENGL 300W and one 300-level LITR course

Class Restrictions: Senior standing

Major Restrictions: Literature majors and Language, Literature and Writing Majors only

Last Updated: Links 04/2011

LITR 497 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 1 hr

Prerequisite: nine hours in the appropriate major or minor; ENGL 300W and one 300-level LITR course

Last Updated: Links 04/2011

LITR 498 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 2 hrs

Prerequisite: nine hours in the appropriate major or minor; ENGL 300W and one 300-level LITR course.

Last Updated: Links 04/2011

LITR 499 - Independent Study

Study of topics not offered in the regular curriculum, the particular topic to be defined (and credit hours set) by the teacher and student, subject to approval by the curriculum committee. Restricted to students taking majors or minors in the English Language and Literature Department.

Credit Hours: 3 hrs

Prerequisite: nine hours in the appropriate major or minor; ENGL 300W and one 300-level LITR course.

Last Updated: Links 04/2011

World Languages Programs and Courses

World Languages

Major

French Major

Depending on initial placement, students may need to take up to 22 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

It is recommended that students specializing in French, or planning to continue with graduate work, carry their undergraduate study beyond the minimum requirements listed below. Many graduate schools require additional course work in literature.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Group II: Civilization and Literature: 12 hours

- FRNH 345 - French Culture and Civilization 3 hrs
- FRNH 346 - 20th-Century French Civilization 3 hrs
- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

Group III: Immersion Experience: 6 hours

- FRNH 490 - Intensive French Abroad 6 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

German Language and Literature Major

Depending on initial placement, students may need to take up to 22 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W) 3 hrs
- GERN 444 - Advanced German Conversation 3 hrs

Group II: Literature: 6 hours

- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Group III: Culture: 6 hours

- GERN 366 - The Cultures of German-Speaking Europe 3 hrs
- GERN 428 - German Literature and Film from 1945 to the Present 3 hrs

Group IV: Immersion Experience: 6 hours

- GERN 490 - Intensive German in Europe 6 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Group Major in Language and International Trade - Japanese

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. The major in language and international trade is designed to integrate the study of modern foreign languages and cultures with preparation in the field of international business.

The major objective of the program is to provide students with the skills, knowledge and understanding needed to function in a foreign environment and in professional dealings with business people and clients who speak foreign languages. Students completing this group major will have met the major and minor requirements for graduation. The minor is included in the major requirements.

Qualified students in Japanese may have the option of participating in a cooperative work exchange in an area of the world where Japanese is spoken.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: Motoko Tabuse
Email: mtabuse@emich.edu
Phone: 734.487.3346

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 60-63 hours

Additional Required Business Courses: 6 hours

- MKTG 460 - International Marketing 3 hrs

One course from the following

- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Language and Area Studies Courses: 30 hours

- One JPNE at the 300- or 400-level (3 hrs)
- One JPNE at the 400-level (3 hrs)
- JPNE 343W - Japanese Composition (Gen Ed Area I, W) 3 hrs
- JPNE 344 - Japanese Conversation 3 hrs
- JPNE 361 - Japanese for International Trade 3 hrs
- JPNE 446 - Business Japanese I 3 hrs
- JPNE 447 - Business Japanese II 3 hrs

One Political Science course from the following:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs

One option from the following:

Option I: Geography and History: 6 hours

- One 300/400 level GEOG course of the geography of Japan.
- One 300/400 level HIST course of the history of Japan.

Option II: Geography and Foreign Language: 6 hours

- One 300/400 level GEOG course of the geography of Japan.
- One additional 300/400 level JPNE course.

Option III: History and Foreign Language: 6 hours

- One 300/400 level HIST course of the history of Japan.
- One additional 300/400 level JPNE course.

Field Experience: 3-6 hours

Consult with LIT Adviser.

One course from the following:

- FLAN 387 - Cooperative Education in Foreign Language 3 hrs
- FLAN 487 - Cooperative Education in Foreign Language 3 hrs
- FLAN 489 - Internship in Language and International Trade 3 hrs
- JPNE 490 - Intensive Japanese Abroad 6 hrs

Business Minor: 21 hours

Students must complete requirements for a minor in an operational area of business of their choosing. These areas include: economics, marketing, management, accounting, finance, business computer systems and general business, among others. Special combinations of business courses equivalent to a minor are possible in consultation with an adviser.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Group Major in Language and International Trade- French

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major.

The major in language and international trade is designed to integrate the study of modern foreign languages and cultures with preparation in the field of international business. The major objective of the program is to provide students with the skills, knowledge and understanding needed to function in a foreign environment and in professional dealings with business people and clients who speak foreign languages. Students completing this group major will have met the major and minor requirements for graduation. The minor is included in the major requirements.

Qualified students in French may have the option of participating in a cooperative work exchange in an area of the world where French is spoken.

World Languages Department Information:

Department Head: Rosemary Weston-Gil

Department Contact: rweston3@emich.edu

Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 57-60 hours

Additional Requirements: 6 hours

- MKTG 460 - International Marketing 3 hrs

One course from the following:

- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Language Area Studies Courses: 27 hours

- One FRNH at the 300- or 400-level (3 hrs)
- One FRNH at the 400-level (3 hrs)
- FRNH 343 - French Composition 3 hrs
- FRNH 361 - French for International Trade 3 hrs
- FRNH 446 - Business French I 3 hrs
- FRNH 447 - Business French II 3 hrs

One course from the following:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs

One Option from the following:

Option I: Geography and History: 6 hours

- One 300/400 level GEOG course of the geography of France.
- One 300/400 level HIST course of the history of France.

Option II: Geography and Foreign Language: 6 hours

- One 300/400 level GEOG course of the geography of France.
- One additional 300/400 level FRNH course.

Option III: History and Foreign Language: 6 hours

- One 300/400 level HIST course of the history of France.
- One additional 300/400 level FRNH course.

Field Experience: 3-6 Hours

- FRNH 490 - Intensive French Abroad 6 hrs
(Intensive program of six weeks, also counts for General Education- Learning Beyond the Classroom)
- FLAN 489 - Internship in Language and International Trade 3 hrs
- FLAN 387 - Cooperative Education in Foreign Language 3 hrs
- FLAN 487 - Cooperative Education in Foreign Language 3 hrs

Business Minor: 21 hours

Students must complete requirements for a minor in an operational area of business of their choosing. These areas include: economics, marketing, management, accounting, finance, business computer systems, general business and office administration, among others. Special combinations of business courses equivalent to a minor are possible in consultation with an adviser.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Group Major in Language and International Trade- German

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major.

The major in language and international trade is designed to integrate the study of modern foreign languages and cultures with preparation in the field of international business. The major objective of the program is to provide students with the skills, knowledge and understanding needed to function in a foreign environment and in professional dealings with business people and clients who speak foreign languages. Students completing this group major will have met the major and minor requirements for graduation. The minor is included in the major requirements. Qualified students in German may have the option of participating in a cooperative work exchange in an area of the world where German is spoken. Students may take examinations leading to foreign certification in business German.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 57-60 hours

Additional Business Requirements: 6 hours

- MKTG 460 - International Marketing 3 hrs

One course from the following:

- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Language and Area Studies Courses: 27 hours

- One GERN at the 300- or 400-level (3 hrs)
- One GERN at the 400-level (3 hrs)
- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 361 - German for International Trade 3 hrs
- GERN 446 - Business German I 3 hrs
- GERN 447 - Business German II 3 hrs

One Political Science course from the following:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 354 - Canadian Politics 3 hrs

- PLSC 367 - Latin American Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs

One option from the following:

Option I: Geography and History: 6 hours

- One 300/400 level GEOG course of the geography of Germany
- One 300/400 level HIST course of the history of Germany.

Option II: Geography and Foreign Language: 6 hours

- One 300/400 level GEOG course of the geography of Germany.
- One additional 300/400 level GERN course.

Option III: History and Foreign Language: 6 hours

- One 300/400 level HIST course of the history of Germany.
- One additional 300/400 level GERN course.

Field Experience: 3-6 Hours

Consult with a LiT Adviser

- GERN 490 - Intensive German in Europe 6 hrs
(Intensive program of six weeks, also counts for General Education- Learning Beyond the Classroom)
- FLAN 387 - Cooperative Education in Foreign Language 3 hrs
- FLAN 487 - Cooperative Education in Foreign Language 3 hrs
- FLAN 489 - Internship in Language and International Trade 3 hrs

Business Minor: 21 hours

Students must complete requirements for a minor in an operational area of business of their choosing. These areas include: economics, marketing, management, accounting, finance, business computer systems and general business, among others. Special combinations of business courses equivalent to a minor are possible in consultation with an adviser.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Group Major in Language and International Trade- Spanish

Depending on initial placement, students may need to take up to 24 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major.

The major in language and international trade is designed to integrate the study of modern foreign languages and cultures with preparation in the field of international business. The major objective of the program is to provide students with the skills, knowledge and understanding needed to function in a foreign environment and in professional dealings with business people and clients who speak foreign languages. Students completing this group major will have met the major and minor requirements for graduation. The minor is included in the major requirements.

Qualified students in Spanish may have the option of participating in a cooperative work exchange in an area of the world where Spanish is spoken. Students may take examinations leading to foreign certification in business Spanish.

World Languages Department Information:

Department Head: Rosemary Weston-Gil

Department Contact: rweston3@emich.edu

Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 57-60 hours

Additional Required Business Courses: 6 hours

- MKTG 460 - International Marketing 3 hrs

One course from the following:

- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Language Area Studies Courses: 27 hours

- One SPNH at the 300- or 400-level 3 hrs
- One SPNH at the 400-level 3 hrs
- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 361 - Spanish for International Trade 3 hrs
- SPNH 446 - Business Spanish I 3 hrs

- SPNH 447 - Business Spanish II 3 hrs

One course from the following:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs

One option from the following:

Option I: Geography and History: 6 hours

- One 300/400 level GEOG course of the geography of Spain.
- One 300/400 level HIST course of the history of Spain.

Option II: Geography and Foreign Language: 6 hours

- One 300/400 level GEOG course of the geography of Spain.
- One additional 300/400 level SPNH course.

Option III: History and Foreign Language: 6 hours

- One 300/400 level HIST course of the history of Spain.
- One additional 300/400 level SPNH course.

Field Experience: 3-6 Hours

Consult with LIC Adviser for one of the following:

- SPNH 490 - Intensive Spanish 6 hrs
(Intensive program of six weeks, also counts for General Education- Learning Beyond the Classroom)
- FLAN 387 - Cooperative Education in Foreign Language 3 hrs
- FLAN 487 - Cooperative Education in Foreign Language 3 hrs
- FLAN 489 - Internship in Language and International Trade 3 hrs

Business Minor: 21 hours

Students must complete requirements for a minor in an operational area of business of their choosing. These areas include: economics, marketing, management, accounting, finance, business computer systems and general business, among others. Special combinations of business courses equivalent to a minor are possible in consultation with an adviser.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Japanese Language and Culture Major

Depending on initial placement, students may need to take up to 20 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Group I: Language Development: 18 hrs

- JPNE 343W - Japanese Composition (Gen Ed Area I, W) 3 hrs
- JPNE 344 - Japanese Conversation 3 hrs
- JPNE 361 - Japanese for International Trade 3 hrs
- JPNE 444 - Advanced Japanese Conversation 3 hrs
- JPNE 446 - Business Japanese I 3 hrs
- JPNE 447 - Business Japanese II 3 hrs

Group II: Literature: 3 hrs

- JPNE 445 - Survey of Japanese Literature 3 hrs

Group III: Culture: 3 hrs

Choose one of the following:

- ANTH 385 - Culture of Japan 3 hrs
- JPNE 448 - Readings on Japanese Culture 3 hrs

Group IV: Immersion Experience: 6 hrs

- JPNE 490 - Intensive Japanese Abroad 6 hrs

Group V: Capstone Seminar: 3 hrs

- JPNE 494 - Seminar in Japanese Studies 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 French Teaching Major

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this course of study, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education K-12 Provisional Certificate in French, certification code FA, and, depending on the minor selected, an additional endorsement. The Michigan Test for Teacher Certification (MTTC) covering this field is #23, "French." In addition, all students must pass the Oral Proficiency Interview (OPI) for French.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.

2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Group II: Civilization and Literature: 12 hours

- FRNH 345 - French Culture and Civilization 3 hrs
- FRNH 346 - 20th-Century French Civilization 3 hrs
- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

Group III: Immersion Courses: 6 hours

- FRNH 490 - Intensive French Abroad 6 hrs

K-12 Foreign Language Methods Core: 12 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs
- FLAN 442 - Practicum in World Language Instruction - Elementary 3 hrs

Professional K-12 Education Sequence

Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 12 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 12 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 489 - Student Teaching 12 hrs
In order to meet NCATE standards, candidates who:
- major in a language shall complete more than half of their student teaching contact hours in that language.
- double major in a language and in another content area shall complete a portion of the student teaching experience in that language.
- double major in two languages shall student teach in each language.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 German Language and Literature Major

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this major, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education K-12 Provisional Certificate in German, certification code FB. The Michigan Test for Teacher Certification (MTTC) covering this field is #024, "German." In addition, all students must pass the Oral Proficiency Interview (OPI) for German.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W) 3 hrs
- GERN 444 - Advanced German Conversation 3 hrs

Group II: Literature: 6 hours

- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Group III: Culture: 6 hours

- GERN 366 - The Cultures of German-Speaking Europe 3 hrs
- GERN 428 - German Literature and Film from 1945 to the Present 3 hrs

Group IV. Immersion Experience: 6 hours

- GERN 490 - Intensive German in Europe 6 hrs

K-12 Foreign Language Methods Core: 12 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs
- FLAN 442 - Practicum in World Language Instruction - Elementary 3 hrs

Professional K-12 Education Sequence

Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 12 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs

- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 12 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 489 - Student Teaching 12 hrs
In order to meet NCATE standards, candidates who:
 - major in a language shall complete more than half of their student teaching contact hours in that language.
 - double major in a language and in another content area shall complete a portion of the student teaching experience in that language.
 - double major in two languages shall student teach in each language.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

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- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 Japanese Language and Culture Teaching Major

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this course of study, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education K-12 Provisional Certificate in Japanese, certification code FL. The Michigan Test for Teacher Certification (MTTC) covering this field is #100, "Japanese." In addition, all students must pass the Oral Proficiency Interview (OPI) for Japanese.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: Motoko Tabuse
Email: mtabuse@emich.edu
Phone: 734.487.3347

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Group I: Language Development: 18 hours

- JPNE 343W - Japanese Composition (Gen Ed Area I, W) 3 hrs
- JPNE 344 - Japanese Conversation 3 hrs
- JPNE 361 - Japanese for International Trade 3 hrs
- JPNE 444 - Advanced Japanese Conversation 3 hrs
- JPNE 446 - Business Japanese I 3 hrs
- JPNE 447 - Business Japanese II 3 hrs

Group II: Literature: 3 hours

- JPNE 445 - Survey of Japanese Literature 3 hrs

Group III: Civilization and Culture: 3 hours

Choose one from the following:

- ANTH 385 - Culture of Japan 3 hrs
- JPNE 448 - Readings on Japanese Culture 3 hrs

Group IV. Immersion Experience: 6 hours

- JPNE 490 - Intensive Japanese Abroad 6 hrs

Group V: Capstone Seminar: 3 hours

- JPNE 494 - Seminar in Japanese Studies 3 hrs

K-12 Foreign Language Methods Core: 12 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs
- FLAN 442 - Practicum in World Language Instruction - Elementary 3 hrs

Professional K-12 Education Sequence

Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 12 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 12 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 489 - Student Teaching 12 hrs
In order to meet NCATE standards, candidates who:
 - major in a language shall complete more than half of their student teaching contact hours in that language.
 - double major in a language and in another content area shall complete a portion of the student teaching experience in that language.
 - double major in two languages shall student teach in each language.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

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University Information: Consult the online catalog at catalog.emich.edu.

K-12 Spanish Teaching Major

Depending on initial placement, students may need to take up to 24 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this course of study, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate in Spanish, certification code FF, and, depending on the minor selected, an additional endorsement. The Michigan Test for Teacher Certification (MTTC) covering this field is #028, "Spanish." In addition, all students must pass the Oral Proficiency Interview (OPI) for Spanish.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

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1. Completion of 56 credit hours
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8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs
- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs

One of the following:

- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs

Group II: Literature: 6 hours

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Group III: Civilization and Culture: 6 hours

- SPNH 411 - The Cultures of Spain 3 hrs
- SPNH 412 - The Cultures of Spanish America 3 hrs

Group IV: Immersion Experience: 6 hours

- SPNH 490 - Intensive Spanish 6 hrs

K-12 Foreign Language Methods Core: 12 hours

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Professional K-12 Education Sequence

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- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 12 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades 3 hrs
- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 12 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 489 - Student Teaching 12 hrs
In order to meet NCATE standards, candidates who:
- major in a language shall complete more than half of their student teaching contact hours in that language.
- double major in a language and in another content area shall complete a portion of the student teaching experience in that language.
- double major in two languages shall student teach in each language.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education French Major

Depending on initial placement, students may need to take up to 16 additional credit hours of 100 and 200 level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this course of study, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate in French, certification code FA, and, depending on the minor selected, an additional endorsement. The Michigan Test for Teacher Certification (MTTC) covering this field is #023, "French." In addition, all students must pass the Oral Proficiency Interview (OPI) for French.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Group II: Civilization and Literature: 12 hours

- FRNH 345 - French Culture and Civilization 3 hrs
- FRNH 346 - 20th-Century French Civilization 3 hrs
- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

Group III: Immersion Course: 6 hours

- FRNH 490 - Intensive French Abroad 6 hrs

Secondary Education Foreign Language Methods Core: 6 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

World Languages Majors take:

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education German Language and Literature Major

Depending on initial placement, students may need to take up to 16 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this major, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate in German, certification code FB. The Michigan Test for Teacher Certification (MTTC) covering this field is #024, "German." In addition, all students must pass the Oral Proficiency Interview (OPI) for German.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: Anne Nerenz
Email: anerenz@emich.edu
Phone: 734.487.0130

Program Adviser: Carla Damiano
Email: cdamiano@emich.edu
Phone: 734.487.3347

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W) 3 hrs
- GERN 444 - Advanced German Conversation 3 hrs

Group II: Literature: 6 hours

- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Group III: Culture: 6 hours

- GERN 366 - The Cultures of German-Speaking Europe 3 hrs
- GERN 428 - German Literature and Film from 1945 to the Present 3 hrs

Group IV. Immersion Experience: 6 hours

- GERN 490 - Intensive German in Europe 6 hrs

Secondary Education Foreign Language Methods Core: 6 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

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Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

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- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

World Languages Majors take:

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

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Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

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- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Spanish Language Teaching Major

Depending on initial placement, students may need to take up to 24 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

Successful completion of this course of study, in the context of other program and NCATE requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate in Spanish, certification code FF, and, depending on the minor selected, an additional endorsement. The Michigan Test for Teacher Certification (MTTC) covering this field is #028, "Spanish." In addition, all students must pass the Oral Proficiency Interview (OPI) for Spanish.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
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 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs
- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs

One of the following:

- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs

Group II: Literature: 6 hours

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Group III: Civilization and Culture: 6 hours

- SPNH 411 - The Cultures of Spain 3 hrs
- SPNH 412 - The Cultures of Spanish America 3 hrs

Group IV. Immersion Experience: 6 hours

- SPNH 490 - Intensive Spanish 6 hrs

Secondary Education Foreign Language Methods Core: 6 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

World Languages Majors take:

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Spanish Major

Depending on initial placement, students may need to take up to 24 additional credit hours of 100- and 200-level classes in the language before they can begin courses required in the major. Students with prior language study or knowledge will be placed at an appropriate level in consultation with an advising coordinator.

The courses listed below meet the minimum requirements only; it is recommended that students specializing in Spanish, or planning to continue with graduate work, carry their undergraduate study beyond the minimum. Many graduate schools require additional course work in literature.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Group I: Language Development: 12 hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs

- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs

One of the following:

- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs

Group II: Literature: 6 hours

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Group III: Culture: 6 hours

- SPNH 411 - The Cultures of Spain 3 hrs
- SPNH 412 - The Cultures of Spanish America 3 hrs

Group IV. Immersion Experience: 6 hours

- SPNH 490 - Intensive Spanish 6 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Business German Minor

Examinations listed under the major in business German also may be taken by students minoring in this subject.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: Margrit Zinggeler
Email: mzinggele@emich.edu
Phone: 734.487.1995

Required Courses: 12 hours

- GERN 361 - German for International Trade 3 hrs
- GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W) 3 hrs

One course from the following:

- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

One course from the following:

- GERN 446 - Business German I 3 hrs
- GERN 447 - Business German II 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in German at any level selected in consultation with an adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Business Spanish Minor

Examinations listed under the major in business Spanish may be taken by students minoring in this subject.

Language proficiency in both Spanish and English is required; proficiency will be determined by examination.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: Ronald Cere
Email: rcere@emich.edu
Phone Number: 734.487.4081

Required Courses: 12 hours

- SPNH 361 - Spanish for International Trade 3 hrs
- SPNH 446 - Business Spanish I 3 hrs

One culture course from the following:

- SPNH 411 - The Cultures of Spain 3 hrs
- SPNH 412 - The Cultures of Spanish America 3 hrs

One literature course from the following:

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in Spanish at any level selected in consultation with an adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Classical Studies Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: James Holoka
Email: jholoka@emich.edu
Phone: 734.487.2283

Required Courses: 12 hours

- ARTH 368 - History of Classical Art 3 hrs
- HIST 323 - Greek History 3 hrs
- HIST 324 - Roman History 3 hrs
- PHIL 330W - History of Philosophy: Ancient (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 12 hours

**see note*

One of the following groups:

Group A (Greek Language): 12 hours

- GREK 101 - Beginning Ancient Greek I 3 hrs
- GREK 102 - Beginning Ancient Greek II 3 hrs
- GREK 201 - Intermediate Ancient Greek I 3 hrs
- GREK 202 - Intermediate Ancient Greek II 3 hrs

Group B (Latin Language): 12 hours

- LATN 101 - Beginning Latin I 3 hrs
- LATN 102 - Beginning Latin II 3 hrs
- LATN 201 - Intermediate Latin I 3 hrs
- LATN 202 - Intermediate Latin II 3 hrs

Group C (Classical Culture and Heritage): 12 hours

Choose 12 hours from the following:

- CHL 351 - World Mythology 3 hrs
- CLAS 106 - Rome and America (Gen Ed Area IV) 6 hrs
- CLAS 181 - The Legacy of Greece 3 hrs

- CLAS 301 - Classical Mythology 3 hrs
- CLAS 321 - Women and Gender in the Ancient World 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III) 3 hrs
- HIST 321 - Women and Gender in the Ancient World 3 hrs
- HIST 327 - Europe in Early Middle Ages 400-1050 3 hrs
- HIST 328 - Europe in Late Middle Ages 1050-1400 3 hrs
- HIST 330 - Europe in the Renaissance and Reformation 3 hrs
- LING 205 - English Words 3 hrs
- LNGE 134 - Etymology 3 hrs
- WGST 321 - Women and Gender in the Ancient World 3 hrs

Minor Total: 24 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** Certain independent study and special topics courses may be counted as restricted elective courses with the approval of the advising coordinator.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education French Language Minor

Successful completion of this minor, in the context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in French, certification code FA. The Michigan Test for Teacher Certification (MTTC) covering this field is #023, "French." In addition, all students must pass the Oral Proficiency Interview (OPI) for French.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Required French Language and Culture Immersion Program: 6 hours

- FRNH 490 - Intensive French Abroad 6 hrs

Restricted Elective Courses: 6 hours

Choose six credit hours from the following:

One course from the following:

- FRNH 345 - French Culture and Civilization 3 hrs
- FRNH 346 - 20th-Century French Civilization 3 hrs

And one course from the following:

- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

*** Minor Total: 24 hours**

Note:

All minors must have at least six hours of course work at the 300-level or above.

** In addition to the FRNH courses listed here, the Elementary Education French Language Minor also requires FLAN 411 - Theory and Methods of Modern Language Teaching.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education German Language and Literature Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in German at any level selected in consultation with an adviser.

Minor Total: 20 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Spanish Language Minor

Successful completion of this minor, in the context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in Spanish, certification code FF. The Michigan Test for Teacher Certification (MTTC) covering this field is #028, "Spanish." In addition, all students must pass the Oral Proficiency Interview (OPI) for Spanish.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs
- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs

One of the following restricted electives:

- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs

Culture Course: 3 Hours

Pick one course from the following

- SPNH 411 - The Cultures of Spain 3 hrs
- SPNH 412 - The Cultures of Spanish America 3 hrs

Literature Course: 3 Hours

Pick one course from the following

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Required Spanish Language and Culture Immersion Program: 6 hours

- SPNH 490 - Intensive Spanish 6 hrs

* Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

** In addition to the SPNH courses listed here, the Elementary Education Spanish Language Minor also requires FLAN 411 - Theory and Methods of Modern Language Teaching.*

The minimum residency requirement for transfer students seeking a minor in Spanish for teaching is 12 hours taken through EMU, including SPNH 343 and 344 (or SPNH 442 and 44, if appropriate) plus SPNH 490.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

English as a Second Language for Non-Native Speakers of English Minor (ESL)

This minor is limited to international students who are non-native speakers of English and conditionally admitted to the University on the basis of English language proficiency. It is administered jointly by the Department of World Languages and the Department of English Language and Literature.

Students who have placed in the 300 level ESL classes will complete all of the following required courses. Students who have placed at the 400 level will begin this minor by taking ESLN 412 - Academic ESL Writing (Gen Ed Area I), ESLN 414 - Academic ESL Reading and ESLN 416 - Academic ESL Speaking and Listening. These students must choose six credit hours from the restricted elective courses or other courses with the permission of the adviser.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 21 hours

- ENGL 225 - Writing in a Changing World 3 hrs
- ENGL 326 - Research Writing 3 hrs
- ESLN 412 - Academic ESL Writing (Gen Ed Area I) 3 hrs

- ESLN 414 - Academic ESL Reading 3 hrs
- ESLN 416 - Academic ESL Speaking and Listening 3 hrs

One course from the following:

- ESLN 310 - Advanced ESL Grammar 3 hrs
- ESLN 312 - Advanced ESL Writing 3 hrs

One course from the following:

- ESLN 314 - Advanced ESL Reading 3 hrs
- ESLN 316 - Advanced ESL Speaking and Listening 3 hrs

Restricted Elective Courses: 3 hours

One course from the following:

- Other English language or linguistics course (written permission required) (3 hrs)
- Other speech communication course (written permission required) (3 hrs)
- Other advanced (speech) courses not including theatre arts courses, with written permission from the ESL coordinator
- CTAC 224 - Public Speaking 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs
- LING 402 - Modern English Grammar 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Foundations in Spanish Translation Minor (NEW PROGRAM)

New Minor, Effective Winter 2013

Translation and interpretation are intellectual activities that aim to bridge the gap between individuals and groups with different languages. The main goal of such activities is to bring people together that would otherwise remain strangers so they can communicate orally and in writing for multiple everyday and/or professional purposes. Thinking of translation and interpretation in widest sense, it can be seen that they not only happen when different languages come into contact, but rather on any occasion

when individuals or groups with different backgrounds and/or lifestyles come into contact - even if they communicate in a common language. For example, the expression "economic crisis" has different means for different peoples not only worldwide but also in the United States.

We are now aware that translation and interpretation are preformed daily by many of us at different levels. As such, they quite spontaneously overflow the four walls of a classroom or the campus of a university, to find themselves at work in various settings. Extensive and intensive reflection on translation, interpretation, and services learning provide students with the professional tools needed to the most adequate translations and interpretations. Such work is based on deep linguistic, knowledge of the target audience (i.e. the Spanish translation of the source texts, as well as the interpretation of conversations), and their social, political, cultural, educational and linguistic uses. Both this knowledge base as well as the necessary related skills needed to be proficient will be achieved in the minor in Foundations in Spanish Translations via extensive practice, both in and outside of the classroom (internships and service learning contracts will be sought for students) as they pertain to professional fields, but, especially, to those of business, education, health, and law.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Course: 12 hours

- SPNH 420 - Introduction to Translation 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs
- SPNH 467 - Introduction to Spanish Interpretation 3 hrs

Restricted Electives: 9 hours

- SPNH 411 - The Cultures of Spain 3 hrs
- SPNH 412 - The Cultures of Spanish America 3 hrs
- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs
- SPNH 490 - Intensive Spanish 6 hrs
- or an additional 3 credit Spanish course approved by faculty

Minor Total: 21 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

French Language and Literature Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 21 hours

- One additional course in French at the 300 or 400-level (3 hrs)
- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 345 - French Culture and Civilization 3 hrs
- FRNH 346 - 20th-Century French Civilization 3 hrs
- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

French Language Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Restricted Elective Courses: 9 hours

Three 3-credit hour courses in French at the 300 or 400-levels selected in consultation with an adviser.

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

German Language and Literature Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil

Department Contact: rweston3@emich.edu

Website: <http://www.emich.edu/worldlanguages/>

Required Course: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in German starting at the 200-level selected in consultation with an adviser.

Minor Total: 20 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

German Language Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W) 3 hrs
- GERN 444 - Advanced German Conversation 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in German at any level selected in consultation with an adviser

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

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General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

German Literature Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in German starting at the 200-level selected in consultation with an adviser.

Minor Total: 20 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Japanese Language Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- JPNE 343W - Japanese Composition (Gen Ed Area I, W) 3 hrs
- JPNE 344 - Japanese Conversation 3 hrs
- JPNE 361 - Japanese for International Trade 3 hrs
- JPNE 444 - Advanced Japanese Conversation 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in Japanese at any level selected in consultation with an adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education French Language Minor

Successful completion of this minor, in the context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in French, certification code FA. The Michigan Test for Teacher Certification (MTTC) covering this field is #023, "French." In addition, all students must pass the Oral Proficiency Interview (OPI) for French.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs

- FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Required French Language and Culture Immersion Program: 6 hours

- FRNH 490 - Intensive French Abroad 6 hrs

Secondary Education Foreign Language Methods Core: 6 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs

Restricted Elective Courses: 6 hours

Choose six credit hours from the following:

One course from the following:

- FRNH 345 - French Culture and Civilization 3 hrs
- FRNH 346 - 20th-Century French Civilization 3 hrs

And one course from the following:

- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

Minor Total: 30 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education German Language Minor

Successful completion of this minor, in the context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in German, certification code FB. The Michigan Test for Teacher Certification (MTTC) covering this field is #024, "German." In addition, all students must pass the Oral Proficiency Interview (OPI) for German.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 24 hours

Group I: Language Development: 12 hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W) 3 hrs
- GERN 444 - Advanced German Conversation 3 hrs

Group II: Literature: 3 hours

One of the following required, three-credit literary survey courses:

- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs

Group III: Culture: 3 hours

- GERN 366 - The Cultures of German-Speaking Europe 3 hrs

Group IV. Immersion Experience: 6 hours

- GERN 490 - Intensive German in Europe 6 hrs

Secondary Education Foreign Language Methods Core: 6 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs

Minor Total: 30 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Spanish Language Minor

Revised Minor, Effective Winter 2013

Successful completion of this minor, in the context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in Spanish, certification code FF. The Michigan Test for Teacher Certification (MTTC) covering this field is #028, "Spanish." In addition, all students must pass the Oral Proficiency Interview (OPI) for Spanish.

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs
- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs

One of the following restricted electives

- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs

Culture Course: 3 hours

Pick one of the following courses

- SPNH 411 - The Cultures of Spain 3 hrs

- SPNH 412 - The Cultures of Spanish America 3 hrs

Literature Course: 3 hours

Pick one of the following courses

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Required Immersion Experience: 6 hours

- SPNH 490 - Intensive Spanish 6 hrs

Secondary Education Foreign Language Methods Core: 6 hours

- FLAN 411 - Theory and Methods of Modern Language Teaching 3 hrs
- FLAN 441 - Practicum in World Language Instruction - Secondary 3 hrs

Minor Total: 30 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Teaching English as a Second Language Minor (TESOL)

Successful completion of this minor, in context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in English as a Second Language, certification code NS. The Michigan Test for Teacher Certification (MTTC) covering this field is #086, "English as a Second Language."

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 24 hours

- LNGE 202 - Grammar for ESL Teachers 3 hrs

- LNGE 223 - Introduction to Language 3 hrs
- LNGE 325 - Second Language Acquisition 3 hrs
- TSLN 330 - TESOL Methodology: Literacy 3 hrs
- TSLN 332 - Methodology: Listening and Speaking 3 hrs
- TSLN 410 - TESOL Methodology: Content-Based Approaches 3 hrs
- TSLN 420 - SLA Testing and Assessment 3 hrs

One course from the following:

- LNGE 240 - Linguistic and Cultural Diversity in the U.S. 3 hrs
- LNGE 242 - Linguistic and Cultural Diversity: Global Englishes 3 hrs

Minor Requirements: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Spanish Culture and Literature Minor

Revised Minor, Effective Winter 2013

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs
- SPNH 411 - The Cultures of Spain 3 hrs

- SPNH 412 - The Cultures of Spanish America 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in Spanish at any level selected in consultation with an adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Spanish Language Minor

World Languages Department Information:

Department Head: Rosemary Weston-Gil
 Department Contact: rweston3@emich.edu
 Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs
- SPNH 443 - Advanced Spanish Grammar and Composition 3 hrs

One course from the following:

- Additional three credits in Spanish at the 300-level or above (3 hrs)
- SPNH 444 - Advanced Spanish Conversation and Composition 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in Spanish at any level selected in consultation with an adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Spanish Literature Minor

PROGRAM WILL BE PHASED OUT: EFFECTIVE FALL 2013

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Required Courses: 12 hours

- Six hours in Spanish at the 300-level or above

Two courses from the following:

- Six hours in Spanish at the 300-level or above
- SPNH 401 - Advanced Readings in Spanish Literature 3 hrs
- SPNH 402 - Advanced Readings in Spanish American Literature 3 hrs

Restricted Elective Courses: 8 hours

Eight hours in Spanish at any level selected in consultation with an adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Teaching English to Speakers of Other Languages Minor (TESOL) - Elementary, Secondary, and non-certification

This minor is designed for individuals who intend to teach English as a second language in any setting - schools, corporations, community centers, etc. - and can be combined with any major program of study. Successful completion of this minor, in context of other program and NCATE requirements, qualifies the student for recommendation for endorsement in English as a Second Language, certification code NS. The Michigan Test for Teacher Certification (MTTC) covering this field is #086, "English as a Second Language."

World Languages Department Information:

Department Head: Rosemary Weston-Gil
Department Contact: rweston3@emich.edu
Website: <http://www.emich.edu/worldlanguages/>

Adviser Information:

Program Adviser: Jeff Popko
Email: apopko@emich.edu
Phone: 734.487.0130

Required Courses: 24 hours

- LNGE 202 - Grammar for ESL Teachers 3 hrs
- LNGE 223 - Introduction to Language 3 hrs
- LNGE 325 - Second Language Acquisition 3 hrs
- TSLN 330 - TESOL Methodology: Literacy 3 hrs
- TSLN 332 - Methodology: Listening and Speaking 3 hrs
- TSLN 410 - TESOL Methodology: Content-Based Approaches 3 hrs
- TSLN 420 - SLA Testing and Assessment 3 hrs

One course from the following:

- LNGE 240 - Linguistic and Cultural Diversity in the U.S. 3 hrs
- LNGE 242 - Linguistic and Cultural Diversity: Global Englishes 3 hrs

Minor Requirements: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Chinese

CHNE 121 - Beginning Chinese I (Gen Ed Area IV)

This is an introductory course in Mandarin Chinese. Students will communicate in a variety of practical contexts, analyze the cultural practices, products and perspectives shaping everyday situations, develop oral communication skills, read and write simplified versions of characters and gain exposure to the traditional characters.

Credit Hours: 5 hrs

CHNE 122 - Beginning Chinese II (Gen Ed Area IV)

This is the second introductory course in Mandarin Chinese. Students will communicate in a variety of practical contexts, analyze the cultural practices, products and perspectives shaping everyday situations, develop oral communication skills, read and write simplified versions of characters and gain exposure to the traditional characters.

Credit Hours: 5 hrs

Prerequisite: CHNE 121

Last Updated: Links 04/2011

CHNE 211 - Beginning Chinese III (Gen Ed Area IV)

This is the third introductory course in Mandarin Chinese. Students will communicate in a variety of practical contexts, analyze the cultural practices, products and perspectives shaping everyday situations, develop oral communication skills, read and write simplified versions of characters and gain exposure to the traditional characters.

Credit Hours: 5 hrs

Prerequisite: CHNE 122

Last Updated: Links 04/2011

CHNE 212 - Beginning Chinese IV (Gen Ed Area IV)

The is the fourth introductory course in Mandarin Chinese. Students will communicate in a variety of practical contexts, analyze the cultural practices, products and perspectives shaping everyday situations, develop oral communication skills, read and write simplified versions of characters and gain exposure to the traditional characters.

Credit Hours: 5 hrs

Prerequisite: CHNE 211

Last Updated: Links 04/2011

Classics Courses

CLAS 104 - Quest for Power: Famous Figures in History

An examination of the lives and times of select leaders from the ancient and modern worlds. Examples of figures to be covered are Pericles, Nero, Napoleon I and Adolf Hitler. Major literary monuments of the periods will be examined as well. Team taught

by a member of the History Department and a classicist. This course satisfies one literature or one history requirement.

Credit Hours: 3 hrs

Cross-Listed with: HIST 104

Notes: See honors humanities courses

Last Updated: Links 04/2011

CLAS 106 - Rome and America (Gen Ed Area IV)

An investigation into problems and pressures comparing the people and culture of ancient Rome and modern America, considering individual hopes and ideals, religious beliefs and ideas about death, government, morality, love and sex. Team taught by a member of the English Department and a classicist. These courses must be taken concurrently and satisfy two literature requirements..

Credit Hours: 6 hrs

Cross-Listed with: LITR 106

Notes: See honors humanities courses

Area IV: Knowledge of the Disciplines

CLAS 106 Rome & America (Honors ONLY) [effective Spring 2008]

This course introduces students to the humanities disciplines of the study of American literature and of ancient Roman literature. By its strong emphasis on comparative analysis, the course facilitates a clear understanding of the literary concept of genre (e.g., satire, epic, lyric, novel, etc.). Besides issues of literary theory, the course also encourages the appreciation of continuity in major themes, such as the definition of "heroism" or of the "successful" life, the gender system of the relevant cultures, and social class distinctions, as well as the techniques (e.g., parody, irony, allegory, symbolism, etc.) common to the literatures of classical Roman antiquity and present-day American. By examining literary works from two cultures remote in time and place from each other, students learn to grasp and evaluate what is traditional and what is innovative in each.

Last Updated: Links 04/2011

CLAS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CLAS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLAS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLAS 181 - The Legacy of Greece

An introduction to Greek epic, drama, poetry, history and philosophy, illustrating the influence of the Greek tradition on western civilization. The literature is read in English translation. Representative examples of Greek architecture and sculpture also are examined. Team taught by a classicist and/or a member of the English Department. This course satisfies one literature requirement.

Credit Hours: 3 hrs

Cross-Listed with: LITR 181

Notes: See Honor's humanities courses

Last Updated: Links 04/2011

CLAS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CLAS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLAS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLAS 301 - Classical Mythology

An examination of classical Greek and Roman mythology, chiefly through the study of literary and artistic works. The influence of classical mythology in later literature will also be considered.

Credit Hours: 3 hrs

CLAS 321 - Women and Gender in the Ancient World

An investigation of life for women in antiquity, focusing on the sex-gender system of Greek and Roman societies. Literary, inscriptional and other evidence will be studied to disclose the classical roots of western beliefs and attitudes about women.

Credit Hours: 3 hrs

Prerequisite: HIST 321, WGST 321

Last Updated: Links 04/2011

CLAS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied

Credit Hours: 1 hr

Prerequisite: department permission

CLAS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLAS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLAS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CLAS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLAS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLAS 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

CLAS 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

CLAS 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

English for International Students

ESLN 010 - Beginning ESL Grammer

This course focuses on the knowledge and skills necessary to produce grammatically accurate simple and compound sentences in conversation and simple writing assignments. Students will examine the parts of speech, the basic verb tenses, questions and negative forms in sentences and paragraphs.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 012

Cross-Listed with: ESLN 110

Last Updated: Links 04/2011

ESLN 012 - Beginning ESL Writing

This course leads students through the process of writing paragraphs. Students learn forms of the English paragraph and write, revise and edit paragraphs on a variety of personal topics, while developing their vocabulary and grammatical accuracy.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 010

Cross-Listed with: ESLN 112

Last Updated: Links 04/2011

ESLN 013 - American Pronunciation I

Students will learn to recognize and correct those aspects of pronunciation that hinder overall oral and aural comprehensibility through listening, analyzing, repeating, and correcting both recorded examples and their own production. Students will focus on

consonant and vowel sounds, and will be able to discriminate and produce these sounds.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

Cross-Listed with: ESLN 113

Last Updated: Links 04/2011

ESLN 014 - Beginning ESL Reading

Students in this course will develop reading and vocabulary skills to comprehend simplified reading passages by using the following methods; identifying word meaning and recognizing main ideas and supporting details at the paragraph level.

Credit Hours: 3 hrs

Prerequisite: department permission

Cross-Listed with: ESLN 114

Last Updated: Links 04/2011

ESLN 016 - Beginning ESL Speaking and Listening

This course builds oral communication skills in social settings. Students practice short expressions and sentences to talk about basic communicative tasks such as asking and answering techniques on personal topics. Students develop vocabulary and improve fluency, using understandable pronunciation.

Credit Hours: 3 hrs

Prerequisite: department permission

Cross-Listed with: ESLN 116

Last Updated: Links 04/2011

ESLN 017 - American Language and Culture I

This course introduces students to broad themes in American Culture and targeted issues related to the academic culture of American universities. The course uses reading, media, and external oral assignments to provide international students with knowledge, skills, and cultural capital needed to understand America and to succeed in the university.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

Cross-Listed with: ESLN 117

Last Updated: Links 04/2011

ESLN 018 - Study Skills for the English Language Learner I

The purpose of this course is to provide international students with the information and language skills that help make the transition to an American college more successful. Students learn how to effectively use their syllabus, determine their own learning styles and ESL study techniques, how to manage their time and prioritize tasks based on importance, and how to prepare for ESL classes and language tests.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: Links 04/2011

ESLN 019 - Community and Current Events I

This course focuses on integrating students into the American university and surrounding community by promoting cultural knowledge. Students have opportunities to interact with Ypsilanti citizens during community participation. Through regular contact with native speakers, the international students practice listening, speaking and vocabulary in an informal environment with supplemental technology use.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL/MELAB/IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

Cross-Listed with: ESLN 119

Last Updated: Links 04/2011

ESLN 020 - Intermediate ESL Grammar

This course focuses on the knowledge and skills necessary to produce grammatically accurate, coherent texts in speaking and writing assignments on personal topics. Students review basic grammar components and clause structure and study the concepts of time and aspect in verb tenses, comparisons, modals, infinitives, gerunds and passive voice.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 022

Cross-Listed with: ESLN 210

Last Updated: Links 04/2011

ESLN 022 - Intermediate ESL Writing

This course reviews the writing process at the paragraph level and engages students in writing a series of related paragraphs and short essays on personal and general interest topics in various genres. Students demonstrate control of grammar, word usage, coherence and unity.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 020

Cross-Listed with: ESLN 212

Last Updated: Links 04/2011

ESLN 024 - Intermediate ESL Reading

Students in this course will develop their ability to comprehend simplified reading texts on general topics of interest. Students will use reading strategies to increase comprehension and ease of reading. Students will learn to identify the structure, main ideas and supporting details of texts.

Credit Hours: 3 hrs

Prerequisite: department permission

Cross-Listed with: ESLN 214

Last Updated: Links 04/2011

ESLN 026 - Intermediate ESL Speaking and Listening

This course builds oral communication skills in social and informal settings. Students practice sentences and short conversations to talk about basic communicative tasks on personal and informal academic topics. Students develop vocabulary and improve fluency, using understandable pronunciation.

Credit Hours: 3 hrs

Prerequisite: department permission

Cross-Listed with: ESLN 216

Last Updated: Links 04/2011

ESLN 030 - Advanced ESL Grammar

This course focuses on the knowledge and skills necessary to produce grammatically accurate, coherent texts in spoken and written assignments on general academic topics. Students review intermediate grammar structures and study advanced structures, including parallelism, less frequently used verb tenses, complex sentences and clauses.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 032

Cross-Listed with: ESLN 310

Last Updated: Links 04/2011

ESLN 032 - Advanced ESL Writing

This course introduces students to composition writing in the academic context. Students review paragraph structure, identify and produce effective compositions in multiple genres, and develop their ability to analyze and critique peer writing.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 030

Cross-Listed with: ESLN 312

Last Updated: Links 04/2011

ESLN 033 - American Pronunciation II

Students practice recognizing and producing fundamental patterns of stress in advanced-level phrase structures as well as rhythm, sentence stress and intonation as they occur in extended conversation and informational media sources. Attention is given to reinforcing accurate pronunciation of vocabulary targeted at this level.

Credit Hours: 3 hrs

Prerequisite: department permission

Cross-Listed with: ESLN 313

Last Updated: Links 04/2011

ESLN 034 - Advanced ESL Reading

Students in this course will develop skills in comprehending different kinds of authentic, informational texts. Students will identify main and supporting ideas, summarize information in a text, pose critical questions and infer the meaning of new vocabulary from context and word components. Students will practice skills in both intensive and extensive reading.

Credit Hours: 3 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 314
Last Updated: Links 04/2011

ESLN 036 - Advanced ESL Speaking and Listening

This course improves speaking and listening skills for active participation in academic and social settings. Students practice effective listening and speaking skills in group study sessions and classroom presentations and discussions. Students develop strategies for effective note-taking skills, especially from talks featuring a variety of accents.

Credit Hours: 3 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 316
Last Updated: Links 04/2011

ESLN 037 - American Language and Culture II

Students explore themes in American society and pop culture. Using reading, media, and oral assignments, international students develop American cultural capital to help them better understand America's people and society. The focus is on building the four linguistic communicative competencies through practice and application.

Credit Hours: 3 hrs
Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL/MELAB/IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission
Cross-Listed with: ESLN 317
Last Updated: Links 04/2011

ESLN 038 - Study Skills for the English Language Learner II

The purpose of this course is to provide international students with the information and skills that help make the transition to an American college more successful. Students learn how to effectively use their syllabus, determine their own learning styles and study techniques, how to manage their time and prioritize tasks based on individual goals, and to live and learn in a multicultural environment.

Credit Hours: 3 hrs
Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL/MELAB/IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission
Cross-Listed with: ESLN 313
Last Updated: Links 06/2011

ESLN 039 - Community and Current Events II

This course provides students with practice in the English listening/speaking skills necessary to succeed in the American university. It also will provide students with the chance to combine critical thinking with practical experience as they make an active contribution with community-based projects. Students will learn about themselves and their community.

Credit Hours: 3 hrs
Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a

TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission
Cross-Listed with: ESLN 319
Last Updated: Links 04/2011

ESLN 040 - Academic ESL Grammar

This course focuses on the knowledge and skills required to produce grammatically accurate and coherent texts in extended academic oral and written discourse. Students practice less frequently used verb tense sequencing, modifications to adjective and adverb clauses and multiple forms of noun clauses in various complex sentences.

Credit Hours: 3 hrs
Prerequisite: department permission
Corequisites: ESLN 042
Cross-Listed with: ESLN 410
Last Updated: Links 04/2011

ESLN 042 - Academic ESL Writing

This course focuses on academic inquiry and writing with an emphasis on American conventions for non-native speakers of English. Students utilize critical reading and thinking skills to engage in the process of writing researched essays.

Credit Hours: 3 hrs
Prerequisite: department permission
Corequisites: ESLN 040
Cross-Listed with: ESLN 412
Last Updated: Links 04/2011

ESLN 044 - Academic ESL Reading

Students in this course will explore various strategies when reading university-level academic texts. Students will compare and synthesize different points of view and recognize and respond to the rhetorical techniques and structures used by writers to achieve their purpose. Students further develop their academic vocabulary skills and strategies.

Credit Hours: 3 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 414
Last Updated: Links 04/2011

ESLN 046 - Academic ESL Speaking and Listening

This course improves speaking and listening skills for active participation in academic settings. Student practice comprehending lectures on academic topics, taking notes and effectively participating in informal and formal classroom speaking activities. Students continue to build and use academic vocabulary in oral discourse.

Credit Hours: 3 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 416
Last Updated: Links 04/2011

ESLN 048 - American Pronunciation for Professionals

Students recognize and correct those aspects of pronunciation that hinder overall oral and aural comprehensibility by analyzing, repeating, and monitoring both recorded examples of speech in academic and professional contexts and their own production. They also develop oral control of the academic vocabulary in their field of study.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

Cross-Listed with: ESLN 418

Last Updated: Links 04/2011

ESLN 052 - Academic Writing for International Graduate Students

Students engage in extensive critical reading and analysis of discipline-specific topics and compose well-documented papers on the basis of their research using standard English conversations and documentation. Attention is given to grammatical accuracy and language usage in written assignments.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 040

Cross-Listed with: ESLN 512

Last Updated: Links 04/2011

ESLN 055 - Graduate ESL Seminar in Academic Communication

This course is designed for non-native speakers of English to improve their oral communication skills for participation in graduate-level classes in their degree program. Students read authentic academic texts and develop skills and strategies for oral presentations and critical response. A major emphasis is on having students learn academic vocabulary and enhance reading skills.

Credit Hours: 3 hrs

Prerequisite: department permission

Cross-Listed with: ESLN 515

Last Updated: Links 04/2011

ESLN 110 - Beginning ESL Grammar

This course focuses on the knowledge and skills necessary to produce grammatically accurate simple and compound sentences in conversation and simple writing assignments. Students will examine the parts of speech, the basic verb tenses, questions and negative forms in sentences and paragraphs.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 112 - Beginning ESL Writing

This course leads students through the process of writing paragraphs. Students learn forms of the English paragraph and write, revise and edit paragraphs on a variety of personal topics, while developing their vocabulary and grammatical accuracy.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 110
Last Updated: Links 04/2011

ESLN 113 - American Pronunciation I

Students will learn to recognize and correct those aspects of pronunciation that hinder overall oral and aural comprehensibility through listening, analyzing, repeating, and correcting both recorded examples and their own production. Students will focus on consonant and vowel sounds, and will be able to discriminate and produce these sounds.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 114 - Beginning ESL Reading

Students in this course will develop reading and vocabulary skills to comprehend simplified reading passages by using the following methods: Identifying word meaning and recognizing main ideas and supporting details at the paragraph level.

Credit Hours: 3 hrs

Prerequisite: department permission or placement exam

ESLN 115 - Study Skills for the English Language Learner

The purpose of this course is to provide international students with the information and language skills that help make the transition to an American college more successful. Students learn how to effectively use their syllabus, determine their own learning styles and ESL study techniques, how to manage their time and prioritize tasks based on importance, and how to prepare for ESL classes and language tests.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 116 - Beginning ESL Speaking and Listening

This course builds oral communication skills in social settings. Students practice short expressions and sentences to talk about basic communicative tasks such as asking and answering techniques on personal topics. Students develop vocabulary and improve fluency, using understandable pronunciation.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 117 - American Language and Culture I

This course introduces students to broad themes in American Culture and targeted issues related to the academic culture of American universities. The course uses reading, media, and external oral assignments to provide international students with knowledge, skills, and cultural capital needed to understand American and to succeed in the university.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores

on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 119 - Community and Current Events I

This course focuses on integrating students into the American university and surrounding community by promoting cultural knowledge. Students have opportunities to interact with Ypsilanti citizens during community participation. Through regular contact with native speakers, the international students practice listening, speaking and vocabulary in an informal environment with supplemental technology use.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission or placement exam

ESLN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission or placement exam

ESLN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission or placement exam

ESLN 210 - Intermediate ESL Grammar

This course focuses on the knowledge and skills necessary to produce grammatically accurate, coherent texts in speaking and writing assignments on personal topics. Students review basic grammar components and clause structure and study the concepts of time and aspect in verb tenses, comparisons, modals, infinitives, gerunds and passive voice.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 212 - Intermediate ESL Writing

This course reviews the writing process at the paragraph level and engages students in writing a series of related paragraphs and short essays on personal and general interest topics in various genres. Students demonstrate control of grammar, word usage, coherence and unity.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 210

Last Updated: Links 04/2011

ESLN 214 - Intermediate ESL Reading

Students in this course will develop their ability to comprehend simplified reading texts on general topics of interest. Students will use reading strategies to increase comprehension and ease of reading. Students will learn to identify the structure, main ideas and supporting details of texts.

Credit Hours: 3 hrs

Prerequisite: department permission or placement

ESLN 216 - Intermediate ESL Speaking and Listening

This course builds oral communication skills in social and informal settings. Students practice sentences and short conversations to talk about basic communicative tasks on personal and informal academic topics. Students develop vocabulary and improve fluency, using understandable pronunciation.

Credit Hours: 3 hrs

Prerequisite: department permission or placement

ESLN 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ESLN 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ESLN 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 310 - Advanced ESL Grammar

This course focuses on the knowledge and skills necessary to produce grammatically accurate, coherent texts in spoken and written assignments on general academic topics. Students review intermediate grammar structures and study advanced structures, including parallelism, less frequently used verb tenses, complex sentences and clauses.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 312 - Advanced ESL Writing

This course introduces students to composition writing in the academic context. Students review paragraph structure, identify and produce effective compositions in multiple genres, and develop their ability to analyze and critique peer writing.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 310

Last Updated: Links 04/2011

ESLN 313 - American Pronunciation II

Students practice recognizing and producing fundamental patterns of stress in advanced-level phrase structures as well as rhythm, sentence stress and intonation as they occur in extended conversation and informational media sources. Attention is given to reinforcing accurate pronunciation of vocabulary targeted at this level.

Credit Hours: 1 hr

Prerequisite: department permission

ESLN 314 - Advanced ESL Reading

Students in this course will develop skills in comprehending different kinds of authentic, informational texts. Students will identify main and supporting ideas, summarize information in a text, pose critical questions and infer the meaning of new vocabulary from context and word components. Students will practice both intensive and extensive reading.

Credit Hours: 3 hrs

Prerequisite: ESLN 214, department permission or placement

Last Updated: Links 04/2011

ESLN 315 - Study Skills for the English Language Learner II

The purpose of this course is to provide international students with the information and skills that help make the transition to an American college more successful. Students learn how to effectively use their syllabus, determine their own learning styles and study techniques, how to manage their time and prioritize tasks based on individual goals, and to live and learn in a multicultural environment.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 316 - Advanced ESL Speaking and Listening

This course improves speaking and listening skills for active participation in academic and social settings. Students practice effective listening and speaking skills in group study sessions and classroom presentations and discussions. Students develop strategies for effective note-taking skills, especially from talks featuring a variety of accents.

Credit Hours: 3 hrs

Prerequisite: ESLN 216, department permission or placement

Last Updated: Links 04/2011

ESLN 317 - American Language and Culture II

Students explore themes in American society and pop culture. Using reading, media, and oral assignments, international students develop American cultural capital to help them better understand America's people and society. The focus is on building the four linguistic communicative competencies through practice and application.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 319 - Community and Current Events II

This course provides students with practice in the English listening/speaking skills necessary to succeed in the American university. It also will provide students with the chance to combine critical thinking with practical experiences as they make an active contribution with community-based projects. Students will learn about themselves and their community.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ESLN 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ESLN 410 - Academic ESL Grammar

This course focuses on the knowledge and skills required to produce grammatically accurate and coherent texts in extended academic oral and written discourse. Students practice less frequently used verb tenses, verb tense sequencing, modifications to adjective and adverb clauses and multiple forms of noun clauses in various complex sentences.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 412 - Academic ESL Writing (Gen Ed Area I)

This course focuses on academic inquiry and writing with an emphasis on American conventions for non-native speakers of English. Students utilize critical reading and thinking skills to engage in the process of writing researched essays.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 410

Area I: Effective Communication

ESLN 412 Academic Writing

In ESLN 412, EMU students develop the foundation for writing, research and critical thinking strategies that they will use throughout their college careers and in the workplace. Writing is both a means of communication, and a tool for developing new ideas. Good writers are flexible. They know how to assess the expectations of a variety of audiences with whom they want to communicate and how to draw on or develop different writing strategies to meet those expectations. Good writers also understand that different kinds of writing have different conventions and they can move fluidly between those conventions. ESLN 412 students develop these strategies that are key to effective communication throughout the course. Students write between 50-70 pages of draft work and between 20-30 pages of polished, final-draft work during the course of the semester, and that work is supported and directed by frequent feedback from the instructor.

Last Updated: Links 04/2011

ESLN 414 - Academic ESL Reading

Students in this course will explore various strategies when reading university-level academic texts. Students will compare and synthesize different points of view and recognize and respond to the rhetorical techniques and structures used by writers to achieve their purposes. Students further develop their academic vocabulary skills and strategies.

Credit Hours: 3 hrs

Prerequisite: ESLN 314, department permission or placement

Last Updated: Links 04/2011

ESLN 416 - Academic ESL Speaking and Listening

This course improves speaking and listening skills for active participation in academic settings. Students practice comprehending lectures on academic topics, taking notes and effectively participating in informal and formal classroom speaking activities. Students continue to build and use academic vocabulary in oral discourse.

Credit Hours: 3 hrs

Prerequisite: ESLN 316, department permission or placement

Last Updated: Links 04/2011

ESLN 418 - American Pronunciation for Professionals

Students recognize and correct those aspects of pronunciation that hinder overall oral and aural comprehensibility by analyzing, repeating, and monitoring both recorded examples of speech in academic and professional contexts and their own production. They also develop oral control of the academic vocabulary in their field of study.

Credit Hours: 3 hrs

Prerequisite: Placement by the ESL Advisor according to on-campus placement test through the ESL Office or by the sub-scores on either the TOEFL, MELAB, or IELTS exam (at the time of application, students have the option of providing a TOEFL/MELAB/IELTS score, or taking a placement test upon arrival); department permission

ESLN 477 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ESLN 478 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ESLN 479 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hrs

Prerequisite: department permission

ESLN 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

ESLN 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

ESLN 512 - Academic Writing for International Graduate Students

Students engage in extensive critical reading and analysis of discipline-specific topics and compose well-documented papers on the basis of their research using standard English conventions and documentation. Attention is given to grammatical accuracy and language usage in written assignments.

Credit Hours: 3 hrs

Prerequisite: department permission

Corequisites: ESLN 410

Last Updated: Links 04/2011

ESLN 515 - Graduate ESL Seminar in Academic Communication

This course is designed for non-native speakers of English to improve their oral communication skills for participation in graduate-level classes in their degree program. Students read authentic academic texts and develop skills and strategies for oral presentations and critical response. A major emphasis is on having students learn academic vocabulary and enhance reading skills.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: Links 04/2011

French

FRNH 111 - Introduction to French and the French-Speaking World (Gen Ed Area III)

An introduction to the thirty plus countries where French is spoken. Survey of their cultures, history, geography, religions, politics, economy, literature and arts. Comparison of cultural practices in daily life and the professional world. Acquisition of basic language skills.

No prerequisites. Does not count for FRNH major or minor. *In English and French.*

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

FRNH 111: Introduction to French and the French-Speaking World

The study of French-speaking countries, including France, their cultures, is critical for students to expand their understanding of global cultural dynamics and critically compare their own culture to others. French is spoken as a native, official or business language in more than 30 countries in the world. This course aims at furthering the internationalization of EMU students by addressing some of the issues that have been at the forefront of EMU's Administrators' recent campaign in that regard. It will help students adapt for the future in a global society, develop a philosophy of inclusion, become aware of a great variety of cultures other than their own, fight cultural stereotypes, expand their comfort zones with cultural differences, adopt positive attitudes towards and avoid discriminating against others. It will also help them develop a sense of self and understand their own place in the global community.

Last Updated: New Course 12/2011, effective Winter 2012, Gen Ed Approval 5/2012, effective Winter 2013

FRNH 121 - Beginning French (Gen Ed Area IV)

Introductory course including practice in listening, speaking, reading and writing in French. Sessions in the language laboratory are part of regular assignments.

Credit Hours: 5 hrs

Area IV: Knowledge of the Disciplines

FRNH 121 Beginning French I

To be able to communicate in French and appreciate linguistic and cultural similarities and differences, FRNH 121 students learn to produce through speaking and writing, and to understand through reading and listening, the elements of the French language necessary to be able to function at a basic level in a French-speaking environment. Instruction in FRNH 121 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.

FRNH 122 - Beginning French (Gen Ed Area IV)

Introductory course including practice in listening, speaking, reading and writing in French. Sessions in the language laboratory are part of regular assignments.

Credit Hours: 5 hrs

Prerequisite: FRNH 121 or by placement exam

Area IV: Knowledge of the Disciplines

FRNH 122 Beginning French II

To be able to communicate in French and appreciate linguistic and cultural similarities and differences, FRNH 122 students learn to produce through speaking and writing, and to understand through reading and listening, the elements of the French language necessary to be able to function at a basic level in a French-speaking environment. Instruction in FRNH122 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.

Last Updated: Links 04/2011

FRNH 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FRNH 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FRNH 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FRNH 221 - Intermediate French (Reading) (Gen Ed Area IV)

Rapid reading of large quantities of French. Materials include readings in literature and civilization. Students who plan to continue in French should take this course concurrently with FRNH 233.

Credit Hours: 3 hrs

Prerequisite: FRNH 122 or by placement exam

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 222 - Intermediate French (Reading) (Gen Ed Area IV)

Rapid reading of large quantities of French. Materials include readings in literature and civilization. Students who plan to continue in French should take this course concurrently with FRNH 234.

Credit Hours: 3 hrs

Prerequisite: FRNH 221 or by placement exam

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 233 - Intermediate French Conversation, Composition and Grammar (Gen Ed Area IV)

A review of grammar; practice in writing and speaking. Sessions in the language laboratory are available. Students who plan to continue in French should take this course concurrently with FRNH 221.

Credit Hours: 3 hrs

Prerequisite: FRNH 122 or by placement exam

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 234 - Intermediate French Conversation, Composition and Grammar (Gen Ed Area IV)

A review of grammar; practice in writing and speaking. Sessions in the language laboratory are available. Students who plan to continue in French should take this course concurrently with FRNH 222.

Credit Hours: 3 hrs

Prerequisite: FRNH 233 or placement exam

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 261 - Introduction to Professional Language Study

This course introduces students to the application of professional languages in a variety of settings focusing on oral and written communication. Students acquire the vocabulary and phrases of basic professional interactions, learn to translate documents of different professions and acquire basic interpreting techniques. Students with interests in other careers will find the course helpful and they can complete special projects.

Credit Hours: 3 hrs

Prerequisite: FRNH 121, FRNH 122, FRNH 221, FRNH 222, FRNH 233, FRNH 234

Last Updated: Links 04/2011

FRNH 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FRNH 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FRNH 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FRNH 343 - French Composition

A review and expansion of the elements of the grammar, idioms and deep structures of French. English to French translation exercises provide practice and clarification of the relationship between morphology and syntax. Written compositions on a wide choice of topics are assigned to demonstrate students' mastery of acquired linguistic competence. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 234 or department permission

Last Updated: Description 07/2011; Links 04/2011

FRNH 344 - French Conversation

Builds on the foundation in speaking skills acquired in previous courses. Emphasizes pronunciation, acquisition of vocabulary and idioms for daily life, basic sentence structures and the development of greater oral proficiency. Presentation and practice of phonological principles. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 234 or department permission

Last Updated: Links 04/2011

FRNH 345 - French Culture and Civilization

A study of French history and civilization. All major pre-World War I historical periods and cultural movements will be covered. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 222 and FRNH 234

Previously Listed As: FRNH 467

Last Updated: Links 04/2011

FRNH 346 - 20th-Century French Civilization

A study of the main events of the 20th century. The major historical and social movements will be covered. *In French.*

Credit Hours: 3 hrs

Prerequisite: FRNH 345

Previously Listed As: FRNH 476

Last Updated: Links 04/2011

FRNH 361 - French for International Trade

This course is intended for students who already have a solid intermediate-level command of French and who wish to acquire minimum professional competence in the French language as it is used in the world of international business. It includes practice in various forms of business communication, both oral and written. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 343 or department permission

Last Updated: Links 04/2011

FRNH 377 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied. In French.

Credit Hours: 1 hr

Prerequisite: department permission

FRNH 378 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied. In French.

Credit Hours: 2 hrs

Prerequisite: department permission

FRNH 379 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied. In French.

Credit Hours: 3 hrs

Prerequisite: department permission

FRNH 388 - Internship

Provides an opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors. Credit/no-credit. In French.

Credit Hours: 1 hr

Prerequisite: department permission

FRNH 441 - Survey of French Literature I

Survey of French Literature from the Middle Ages to the end of the 18th Century. Readings, textual analysis, study of genres, cultural and literary comparisons, interpretations of representative texts, and study of culture lead students to a target proficiency level of Intermediate High on the ACTFL scale for standards 1.3, 2.2, 3.1, 3.2, and 5.2.

Credit Hours: 3 hrs

Prerequisite: FRNH 346

Previously Listed As: FRNH 341

Last Updated: Links 04/2011

FRNH 442 - Survey of French Literature II

Survey of French Literature from the beginning of the 19th Century to the present. Readings, textual analysis, study of genres, cultural and literary comparisons, interpretations of representative texts, and study of culture lead students to a target proficiency level of Intermediate High on the ACTFL scale for standards 1.3, 2.2, 3.1, 3.2, and 5.2.

Credit Hours: 3 hrs

Prerequisite: FRNH 346

Previously Listed As: FRNH 342

Last Updated: Links 04/2011

FRNH 443W - Advanced French Grammar and Composition (Gen Ed Area I, W)

An advanced study of the morphology and syntax of French. Students will further develop their knowledge of the deep structure and lexicon of the language through translation and compositions on a wide variety of topics, demonstrating mastery of idioms, stylistic levels, textual comprehension and an awareness of the distinction between English and French. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 343

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Description 07/2011; Graduate Credit 07/2011; Links 04/2011

FRNH 444 - Advanced French Conversation

Development of advanced oral proficiency. Emphasizes pronunciation, acquisition of vocabulary and idioms for daily life, advanced sentence structures. Advanced presentation and practice of phonological principles. Includes a formal proficiency assessment in French.

Credit Hours: 3 hrs

Prerequisite: FRNH 343 and FRNH 344 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

FRNH 445 - French Phonetics

Study of the sound system of the French language including both theory and practice. Major focus on the International Phonetic Alphabet as it applies to French. Lecture and practical exercises in class. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 344

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

FRNH 446 - Business French I

Study of principles and practices of business communication in France with emphasis on business correspondence and translation. Introduction to the French economy including business law, industry, business and services. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 361 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

FRNH 447 - Business French II

Further study of business practices, business law and the French economy. Emphasis on business correspondence and translation and on French ties with the European economic community, the U.S., the East, developing countries and Francophone countries. Prepares student for language proficiency examinations (CCIP diplomas). In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 446 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

FRNH 450 - French Civilization in Film

The purpose of this course is to study a number of French films and distinguish between fiction and reality as portrayed in the film. Students will research the era and compare the events shown in the film with the societal or historical facts found in their research.

Credit Hours: 3 hrs

Prerequisite: FRNH 343 and FRNH 344

Last Updated: Links 04/2011

FRNH 451 - Readings in French

Special projects in directed readings for majors and minors who have completed the available offerings in French or who, because of most unusual circumstances, are granted department approval to substitute one or both of these for the regular courses.

Credit Hours: 1 hr

Prerequisite: FRNH 441, FRNH 442 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

FRNH 452 - Readings in French

Special projects in directed readings for majors and minors who have completed the available offerings in French or who, because of most unusual circumstances, are granted department approval to substitute one or both of these for the regular courses.

Credit Hours: 2 hrs

Prerequisite: FRNH 441, FRNH 442 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

FRNH 466 - French Speaking Cultures of the World

Survey of the more than two dozen different cultures of the world that make up "la Francophonie." Language and cultural variations that one must know in order to understand and to communicate successfully with people in those cultures. In French.

Credit Hours: 3 hrs

Prerequisite: FRNH 343 and FRNH 344

Last Updated: Links 04/2011

FRNH 477 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FRNH 478 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FRNH 479 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FRNH 488 - Internship

Provides an opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors. In French.

Credit Hours: 2 hrs

Prerequisite: department permission

FRNH 489 - Internship

Provides an opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: In French.

FRNH 490 - Intensive French Abroad

An intensive linguistic and cultural immersion experience of at least six weeks' duration offered in an approved French-speaking environment. Instruction at many different levels. In French.

Credit Hours: 6 hrs

FRNH 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

FRNH 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

FRNH 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

General Foreign Language and Bilingual-Bicultural

FLAN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FLAN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FLAN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FLAN 215 - The Cultures of Mexican-Americans and Cubans in the United States

A study of contemporary life of two of the principal Latino groups in the United States. Since their language and literature reflect a unique sociocultural situation, they will be used as a point of departure. Topics will include traditional family structure, economic, political, educational, ethnic and religious backgrounds, artistic contributions and prospects for the future.

Credit Hours: 3 hrs

FLAN 277 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FLAN 278 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FLAN 279 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FLAN 377 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

FLAN 378 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FLAN 379 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FLAN 387 - Cooperative Education in Foreign Language

Four to six months of full-time employment in a position designed to give practical experience in a field related to the student's foreign language major. The program ordinarily consists of two work experiences (FLAN 387/FLAN 487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admission to the program by application only

Class Restrictions: Junior standing

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 06/2011

FLAN 388 - Internship

An opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 1 hr

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

FLAN 411 - Theory and Methods of Modern Language Teaching

The history, theory and techniques of modern language teaching. Not counted in the language area of the degree requirements, nor toward a major in any modern language. Should be taken during the fall semester prior to student teaching. Not open to students on academic probation.

Credit Hours: 3 hrs

Prerequisite: FRNH 343, SPNH 343, GERN 343 or department permission

Corequisites: FLAN 441

Class Restrictions: Junior standing

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Co-requisite update, 07/2012; Links 04/2011

FLAN 412 - Methods of Teaching Modern Languages in the Elementary Grades

This course is designed to prepare students who have already earned secondary teaching certificates in French, German, Japanese and Spanish for careers as foreign language teachers in elementary (K-6) school settings.

Credit Hours: 3 hrs

Prerequisite: FLAN 411; department permission

Corequisites: FLAN 442

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Corequisite update 08/2012; Graduate Credit 07/2011; Links 04/2011

FLAN 421 - History and Theory of Bilingual Education

Sociolinguistic and psycholinguistic aspects of bilingualism, language acquisition and cognitive development in the bilingual child, different instructional models for bilingual education programs, and school and community relations. A minimum of 24 hours of field experience required. Not open to students on academic probation.

Credit Hours: 3 hrs

FLAN 422 - Teaching Hispanic Culture and Language

The techniques and materials for teaching the language and culture of Hispanic groups within the bilingual classroom. Techniques and materials for teaching other subject-matter areas in Spanish. A minimum of 24 hours of field experience in a bilingual classroom required. Not open to students on academic probation.

Credit Hours: 3 hrs

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

FLAN 441 - Practicum in World Language Instruction - Secondary

Students apply concepts and theories learned in FLAN 411 to teach varied lesson designs in mentored, weekly small group micro-teaching sessions.

Credit Hours: 3 hrs

Prerequisite: Successful completion of Phase I of the Initial Teacher Preparation Program, and department permission

Corequisites: FLAN 411

Last Updated: New Course 04/2012, effective Fall 2012

FLAN 442 - Practicum in World Language Instruction - Elementary

This course prepares teacher candidates for careers as world language teachers in elementary schools. Students participate in weekly guided discussion sessions based on concepts and theories learned in FLAN 412 and complete a minimum of 45 hours of observation in approved K-5 auxiliary, elementary, exploratory, and immersion world language programs.

Credit Hours: 3 hrs

Prerequisite: FLAN 411, FLAN 441, successful completion of Phase I of the Initial Teacher Preparation Program, and department permission

Corequisites: FLAN 412

Last Updated: New Course 04/2012, effective Fall 2012

FLAN 477 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FLAN 478 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FLAN 479 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FLAN 487 - Cooperative Education in Foreign Language

Four to six months of full-time employment in a position designed to give practical experience in a field related to the student's foreign language major. The program ordinarily consists of two work experiences (FLAN387/487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: FLAN 387; admission to the program by application only

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 04/2011

FLAN 488 - Internship in Language and International Trade

An opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 2 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

FLAN 489 - Internship in Language and International Trade

An opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

FLAN 497 - Independent Study

Advanced study on an individual basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

FLAN 498 - Independent Study

Advanced study on an individual basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

FLAN 499 - Independent Study

Advanced study on an individual basis in areas not covered in formal course work

Credit Hours: 3 hrs

Prerequisite: department permission

German

GERN 121 - Beginning German (Gen Ed Area IV)

Instruction includes pronunciation, aural-oral pattern practice, the fundamentals of grammar, written exercises and reading.

Credit Hours: 5 hrs

Area IV: Knowledge of the Disciplines

GERN 121 Beginning German I

Beginning German qualifies as a General Education course for the Humanities because it satisfies the outcome requirements for Foreign Language courses: 1. Communicate at a basic functional level in a language other than their own native tongue; 2. Demonstrate a basic understanding of the relationship between culture and language; and 3. Use basic forms and structures of a language in communicating in that language. Students learn to produce, through speaking and writing, and to understand, through

reading and listening, the elements of the German language necessary to be able to function on a basic level in a German-speaking environment.

GERN 122 - Beginning German (Gen Ed Area IV)

The goals of the two-course Beginning German sequence are the development of oral and written communication through the use of verbal and nonverbal symbols. The emphasis is on communicative competence (both spoken and written) through the mastery of vocabulary and grammar appropriate to given communicational situations. Besides gaining communicative skills in German, the student can expect to gain some familiarity with modern German culture.

Credit Hours: 5 hrs

Prerequisite: GERN 121 or by placement examination

Area IV: Knowledge of the Disciplines

GERN 122 Beginning German II

The second semester course of Beginning German satisfies the outcome requirements for Foreign Language courses. To be able to communicate in German and appreciate linguistic and cultural similarities and difference, GERN 122 students learn to produce through speaking and writing, and to understand through reading and listening, the elements of their German language necessary to be able to function at a basic level in a German-speaking environment. Instruction in GERN 122 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.

Last Updated: Links 04/2011

GERN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GERN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GERN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GERN 221 - Intermediate German Reading (Gen Ed Area IV)

This course consists of readings in German literature and civilization. Students who plan to continue in German should take GERN 233 concurrently with GERN 221, and GERN 234 concurrently with GERN 222.

Credit Hours: 3 hrs

Prerequisite: GERN 122 or by placement examination

Area IV: Knowledge of the Disciplines

GERN 221 Intermediate German Reading

As a language course sequence, GERN 221 and GERN 222 are designed to strengthen and improve students' language skills (speaking, reading, listening and writing) at the appropriate level. The contents of the course enable students to develop an appreciation and understanding of other cultures (German-speaking countries of Europe), in the domains of literature, films, the arts, as well as linguistic, cultural and societal differences. The students are expected to express their knowledge and understanding of these topics in German.

Last Updated: Links 04/2011

GERN 222 - Intermediate German Reading (Gen Ed Area IV)

This course consists of readings in German literature and civilization. Students who plan to continue in German should take GERN 233 concurrently with GERN 221, and GERN 234 concurrently with GERN 222.

Credit Hours: 3 hrs

Prerequisite: GERN 122 or by placement examination

Area IV: Knowledge of the Disciplines

GERN 222 Intermediate German Reading

As a language course sequence, GERN 221 and GERN 222 are designed to strengthen and improve students' language skills (speaking, reading, listening and writing) at the appropriate level. The contents of the course enable students to develop an appreciation and understanding of other cultures (German-speaking countries of Europe), in the domains of literature, films, the arts, as well as linguistic, cultural and societal differences. The students are expected to express their knowledge and understanding of these topics in German.

Last Updated: Links 04/2011

GERN 233 - Intermediate German Conversation, Composition and Grammar (Gen Ed Area IV)

This course requires the student to practice spoken and authentically correct language in the social cultural situations that occur in German-speaking Europe.

Credit Hours: 3 hrs

Prerequisite: GERN 122 or equivalent

Area IV: Knowledge of the Disciplines

GERN 233 Intermediate German Conversation, Composition and Grammar [effective Winter 2009]

As a language course sequence, GERN 233 and GERN234 are designed to develop and improve students' language skills (speaking, reading, listening and writing) at an intermediate level. The contents of the course enable the students to develop an appreciation and understanding of other cultures (German-speaking countries of Europe), in the domains of literature, films, the arts, as well as linguistic, cultural and societal differences. Students are expected to express their knowledge and understanding of these topics in German at an intermediate level of proficiency.

Last Updated: Links 04/2011

GERN 234 - Intermediate German Conversation, Composition and Grammar (Gen Ed Area IV)

This course requires the student to practice spoken and authentically correct language in the social cultural situations that occur in German-speaking Europe.

Credit Hours: 3 hrs

Prerequisite: GERN 233 or equivalent

Area IV: Knowledge of the Disciplines

GERN 234 Intermediate German Conversation, Composition and Grammar [effective Winter 2009]

As a language course sequence, GERN 233 and GERN234 are designed to develop and improve students' language skills (speaking, reading, listening and writing) at an intermediate level. The contents of the course enable the students to develop an appreciation and understanding of other cultures (German-speaking countries of Europe), in the domains of literature, films, the arts, as well as linguistic, cultural and societal differences. Students are expected to express their knowledge and understanding of these topics in German at an intermediate level of proficiency.

Last Updated: Links 04/2011

GERN 261 - Introduction to Professional Language Study

This course introduces students to the application of professional languages in a variety of settings focusing on oral and written communication. Students acquire the vocabulary and phrases of basic professional interactions, learn to translate documents of different professions and acquire basic interpreting techniques. Students with interests in other careers will find the course helpful and they can complete special projects.

Credit Hours: 3 hrs

Prerequisite: GERN 121, GERN 122, GERN 221, GERN 222, GERN 233 and GERN 234

Last Updated: Links 04/2011

GERN 277 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GERN 278 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GERN 279 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GERN 343 - German Composition on Cultures and Civilization

A detailed examination of German cultures and historical and contemporary German, Austrian and Swiss life. A systematic grammar review accomplishes process-oriented composition writing.

Credit Hours: 3 hrs

Prerequisite: GERN 234 or department permission

Last Updated: Links 04/2011

GERN 344 - Principles of German Phonetics and Conversation

Students learn where and how German language sounds are formed and articulated. Pronunciation exercises and applied German phonetics are the basis for improved speaking competence in combination with vocabulary and idiom building. Readings, tapes, video, the Internet and film provide conversation stimulus.

Credit Hours: 3 hrs

Prerequisite: GERN 234 or department permission

Last Updated: Links 04/2011

GERN 361 - German for International Trade

Develops working knowledge of commercial material including economics and business in multinational setting. Cross-cultural references provide opportunity for comparative and contrastive analysis of American and German cultural patterns in a business setting. In German.

Credit Hours: 3 hrs

Prerequisite: GERN 343 or department permission

Last Updated: Links 04/2011

GERN 366 - The Cultures of German-Speaking Europe

Compares and analyzes the history, the culture, and regional varieties of German in Germany, Austria, Switzerland, Lichtenstein, Northern Italy, parts of Belgium, Luxembourg and Romania. Students will compare the societal and historical facts and their implications in the European Union. Discussions, presentations and papers. In German.

Credit Hours: 3 hrs

Prerequisite: GERN 343 and GERN 344

Last Updated: Links 04/2011

GERN 377 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GERN 378 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GERN 379 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GERN 388 - Internship

An opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 1 hr

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

GERN 425 - German Literature from the Middle Ages to the Baroque

Readings from the period are discussed in class meetings and taken as topics for student essays and reports. The literature is considered in the broad context of culture. In German.

Credit Hours: 3 hrs

Prerequisite: GERN 442 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 426 - German Literature from 1750-1850

The literature of Germany from the pre-classical period through Romanticism is discussed in class meetings and treated in student essays and reports. Perspectives of the other arts and of political and social developments enable the student to appreciate the literature in the context of European civilization. In German.

Credit Hours: 3 hrs

Prerequisite: GERN 442 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 427 - German Literature from 1850-1945

Selections from the literature of Poetic Realism, Biedermeier, Naturalism, Neo-Romanticism and Expressionism viewed against the background of political and cultural history. Classroom discussion and student reports. In German.

Credit Hours: 3 hrs

Prerequisite: GERN 442 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 428 - German Literature and Film from 1945 to the Present

This course explores how literary works and films have shaped the cultural life in post-war German-speaking countries of Europe. Classroom discussions, papers and reports. In German.

Credit Hours: 3 hrs

Prerequisite: GERN 442

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 441 - Survey of German Literature 800-Enlightenment

This course is an introduction to representative works from the earliest period of German literature and culture through the *Enlightenment*. This includes a close analysis of literary texts, an introduction to scholarly terminology, and developing critical thinking skills in German. Students will also gain exposure to developments in literary criticism.

Credit Hours: 3 hrs

Prerequisite: GERN 343, GERN 344 and GERN 366; department permission

Class Restrictions: Sophomore standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 442 - Survey of German Literature: Enlightenment to 1945

This course begins with the Sturm und Drang period (1767-1790) and traces the development of German literature up through 1945. Representative literary texts will be analyzed against the backdrop of their socio-historical context and in light of contemporary criticism and cultural movements of the time.

Credit Hours: 3 hrs

Prerequisite: GERN 343, GERN 344, GERN 366 and GERN 441 or instructor approval; department permission

Class Restrictions: Sophomore standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 443W - German Syntax and Advanced Composition (Gen Ed Area I, W)

Builds on the foundation in written expression acquired in GERN 343. Intensive vocabulary and idiomatic writing; treatment of the more complex structural features of German and stylistics. Frequent assignments increase the student's ability to write for a variety of purposes.

Credit Hours: 3 hrs

Prerequisite: GERN 343 and GERN 344 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 444 - Advanced German Conversation

Development of advanced conversational fluency. A variety of media are employed to increase the student's facility in oral comprehension, and to stimulate conversational exchange among the class members.

Credit Hours: 3 hrs

Prerequisite: GERN 343 and GERN 344 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 446 - Business German I

The idiomatic and terminology of the German economy and economic geography. Emphasis on business communication in German.

Credit Hours: 3 hrs

GERN 447 - Business German II

The idiomatic and terminology of the German economy and management. Emphasis on business communication and correspondence in German.

Credit Hours: 3 hrs

Prerequisite: GERN 446 or department permission

Last Updated: Links 04/2011

GERN 451 - Readings in German

Special projects in directed reading for majors and minors who have completed the available offerings in German or who, because of most unusual circumstances, are granted department approval to substitute this for the regular courses.

Credit Hours: 1 hr

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

GERN 452 - Readings in German

Special projects in directed reading for majors and minors who have completed the available offerings in German or who, because of most unusual circumstances, are granted department approval to substitute this for the regular courses.

Credit Hours: 2 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

GERN 456 - Technical German I

Specialized vocabulary and jargon used in selected fields of technology. Basic technical concepts and terminology that students may encounter in German industry. Development of oral and reading facility as well as accurate translation of technical documents. Selected aspects of electronics, wood and metalworking, metallurgy, brake systems, computers, robotics, and auto production. Content areas will occasionally be changed and updated in order to keep pace with changed student needs and changes in technology.

Credit Hours: 3 hrs

Prerequisite: GERN 343 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 457 - Technical German II

Specialized vocabulary and jargon used in selected fields of technology. Basic technical concepts and terminology that students may encounter in German industry. Development of oral and reading facility as well as accurate translation of technical documents. Selected aspects of internal combustion engines, fuel systems, and the petroleum industry. Content areas will occasionally be changed and updated in order to keep pace with changed student needs and changes in technology.

Credit Hours: 3 hrs

Prerequisite: GERN 456 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GERN 477 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GERN 478 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GERN 479 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GERN 488 - Internship

An opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 2-3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

GERN 489 - Internship

An opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 2-3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

GERN 490 - Intensive German in Europe

An intensive linguistic and cultural immersion experience of at least six weeks' duration in a German-speaking country. Instruction at many different levels. May be repeated for credit. In German.

Credit Hours: 6 hrs

GERN 493 - Reading Knowledge of German

This course (taught in English) teaches students how to read, understand and translate a variety of authentic German texts, including scientific writings based on the majors of the participants. Students will learn basic German grammar and the most important principles of translation as well as how to use dictionaries.

Credit Hours: 3 hrs

GERN 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hrs

Prerequisite: department permission

GERN 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

GERN 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

Greek

GREK 101 - Beginning Ancient Greek I

For students with a strong interest in archaic and classical Greek culture. Acquaints students with sufficient ancient Greek grammar, vocabulary and syntax to facilitate the reading of the masterpieces of Greek literature.

Credit Hours: 3 hrs

GREK 102 - Beginning Ancient Greek II

As a follow-up to GREK 101, this course will continue to introduce students to ancient Greek grammar, vocabulary and syntax to facilitate the reading of the masterpieces of Greek literature.

Credit Hours: 3 hrs

Prerequisite: GREK 101

Last Updated: Links 04/2011

GREK 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GREK 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GREK 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GREK 201 - Intermediate Ancient Greek I

As a follow-up to GREK 101-GREK 102, this course will complete a full survey of the elements of the grammar and syntax of ancient Greek. It will also introduce students to the reading of original passages of major authors, especially prose writers such as Herodotus, Plato, Xenophon and the Evangelists.

Credit Hours: 3 hrs

Prerequisite: GREK 102

Last Updated: Links 04/2011

GREK 202 - Intermediate Ancient Greek II

As a follow-up to GREK 201, this course will review basic and finer points of the grammar and syntax of ancient Greek during the reading of major authors such as Homer, Thucydides, Plato, Lysias, Sophocles, Euripides and Aristophanes.

Credit Hours: 3 hrs

Prerequisite: GREK 201

Last Updated: Links 04/2011

GREK 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GREK 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GREK 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GREK 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GREK 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GREK 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GREK 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GREK 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GREK 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GREK 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

GREK 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

GREK 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

Japanese

JPNE 121 - Beginning Japanese I (Gen Ed Area IV)

Practice in elementary conversation with special attention to reading and writing the two Japanese syllabaries and basic ideographs.

Credit Hours: 5 hrs

Area IV: Knowledge of the Disciplines

JPNE121 Beginning Japanese I

To be able to communicate in Japanese and appreciate linguistic and cultural similarities and differences, JPNE 121 students learn to produce through speaking and writing, and to understand through reading and listening, the elements of the Japanese language necessary to be able to function at a basic level in a Japanese speaking environment. Instruction in JPNE 121 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.

JPNE 122 - Beginning Japanese II (Gen Ed Area IV)

Instruction includes practice in elementary conversation with special attention to reading and writing the two Japanese syllabaries and basic ideographs.

Credit Hours: 5 hrs

Prerequisite: JPNE 121 or department permission

Area IV: Knowledge of the Disciplines

JPNE 122 Beginning Japanese II

To be able to communicate in Japanese and appreciate linguistic and cultural similarities and differences, JPNE 122 students learn to produce through speaking and writing, and to understand through reading and listening, the elements of the Japanese language necessary to be able to function at a basic level in a Japanese speaking environment. Instruction in JPNE 122 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.

Last Updated: Links 04/2011

JPNE 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

JPNE 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

JPNE 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

JPNE 211 - Intermediate Japanese I (Gen Ed Area IV)

Practice in intermediate Japanese conversation, with heavy emphasis on reading and writing common ideographs in nontechnical text.

Credit Hours: 5 hrs

Prerequisite: JPNE 122 or department permission

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

JPNE 212 - Intermediate Japanese II (Gen Ed Area IV)

Instruction includes practice in intermediate Japanese conversation, with heavy emphasis on reading and writing common ideographs in nontechnical text.

Credit Hours: 5 hrs

Prerequisite: JPNE 211 or by placement examination

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

JPNE 261 - Introduction to Professional Language Study

This course introduces students to the application of professional languages in a variety of settings focusing on oral and written communication. Students acquire the vocabulary and phrases of basic professional interactions, learn to translate documents of different professions and acquire basic interpreting techniques.

Credit Hours: 3 hrs

Prerequisite: JPNE 212 or department permission

Last Updated: Links 04/2011

JPNE 343W - Japanese Composition (Gen Ed Area I, W)

Writing for a variety of purposes and a review of kanji (ideographs) and grammar constitute the core of the course. Frequent written assignments.

Credit Hours: 3 hrs

Prerequisite: JPNE 212 or department permission

Last Updated: Links 03/2011

JPNE 344 - Japanese Conversation

Emphasizes acquisition of an active vocabulary for daily life and greater oral facility. Intensive study of casual or familiar levels of speech as well as polite forms and honorifics. About 80 percent in Japanese.

Credit Hours: 3 hrs

Prerequisite: JPNE 212 or department permission

Last Updated: Links 04/2011

JPNE 361 - Japanese for International Trade

Introduction to Japanese business culture and business communication in Japanese. The course provides opportunity for comparative analysis of American and Japanese cultural patterns in business settings.

Credit Hours: 3 hrs

Prerequisite: JPNE 344 or department permission

Last Updated: Links 04/2011

JPNE 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

JPNE 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

JPNE 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

JPNE 385 - Culture of Japan

An analysis of Japanese culture from a comparative perspective. The course presents the ethnological approach to cross-cultural understanding as applied to the study of Japanese culture. By contrasting and comparing insider and outsider analyses of

Japanese behavior, the dynamics of cross-cultural research are documented and discussed.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or department permission

Cross-Listed with: ANTH 385

Last Updated: Links 04/2011

JPNE 444 - Advanced Japanese Conversation

The course aims to develop advanced conversational fluency. Students are expected to participate actively in group discussion. Instruction includes extensive vocabulary building for discussing a variety of subjects in Japanese.

Credit Hours: 3 hrs

Prerequisite: JPNE 344 or department permission

Last Updated: Links 04/2011

JPNE 445 - Survey of Japanese Literature

Guides students to an understanding of the value and role of literary and cultural texts and uses them to interpret and recognize distinctive Japanese cultural perspectives over time.

Credit Hours: 3 hrs

Prerequisite: JPNE 444 or department permission

Last Updated: Links 04/2011

JPNE 446 - Business Japanese I

The course aims to increase proficiency in business communication in Japanese and to develop knowledge of Japanese economy, industry and foreign trade. Extensive work on the vocabulary and idiom of Japanese economy and business. In Japanese.

Credit Hours: 3 hrs

Prerequisite: JPNE 361 or department permission

Last Updated: Links 04/2011

JPNE 447 - Business Japanese II

The course provides an overview of the system of organization, managerial style and personnel relations of Japanese companies. Study of business communication focuses on business correspondence. In Japanese.

Credit Hours: 3 hrs

Prerequisite: JPNE 446 or department permission

Last Updated: Links 04/2011

JPNE 448 - Readings on Japanese Culture

This is a course of study designed to introduce contemporary Japanese culture and civilization through reading.

Credit Hours: 3 hrs

Prerequisite: JPNE 444 or department permission

Last Updated: Links 04/2011

JPNE 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

JPNE 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

JPNE 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

JPNE 490 - Intensive Japanese Abroad

An intensive linguistic and cultural immersion experience of at least one academic semester duration offered in Japan. Instruction at many different levels. May be repeated for credit

Credit Hours: 6 hrs

Notes: In Japanese.

JPNE 494 - Seminar in Japanese Studies

Required of students majoring in teaching Japanese language and culture. Extensive study and discussion of issues related to Japanese society and to language structures. Students are required to apply Japanese language skills in research, presentations and papers.

Credit Hours: 3 hrs

Prerequisite: JPNE 446 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

JPNE 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

JPNE 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

JPNE 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

Language

LNGE 134 - Etymology

Greek and Latin words and roots that are current in English forms are studied in order to enlarge the vocabulary and to produce a more discriminating use of words.

Credit Hours: 3 hrs

LNGE 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LNGE 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LNGE 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LNGE 202 - Grammar for ESL Teachers

The main purpose of this course is to help students to develop: (a) an explicit understanding of the most frequently occurring English structures, (b) a working knowledge of prescriptive and descriptive rules, (c) sensitivity to learners' developmental errors and (d) the analytical skills needed to teach grammar to English language learners.

Credit Hours: 3 hrs

LNGE 223 - Introduction to Language

The basic principles of linguistic structure as they apply to the western European languages taught in the department.

Credit Hours: 3 hrs

LNGE 240 - Linguistic and Cultural Diversity in the U.S.

Students explore the nature of language and its relationship to culture as it impacts the classroom. Special emphasis will be placed on the dissemination and use of English in the U.S., the role of geography, ethnicity, and social status in language diversity, and the impact of language choice as they impact TESOL.

Credit Hours: 3 hrs

Last Updated: 04/2006; effective Summer 2007

LNGE 242 - Linguistic and Cultural Diversity: Global Englishes

Students will explore the nature of language and its relationship to culture as it impacts the classroom. Emphasis will be on the dissemination of Englishes around the world through TESOL, the role of geography, ethnicity, and social status in language diversity, and the impact of language choice within educational settings.

Credit Hours: 3 hrs

Last Updated: 04/2006; effective Summer 2007

LNGE 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LNGE 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LNGE 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LNGE 325 - Second Language Acquisition

Students examine the nature of learning a second language simultaneously with, or subsequent to, one's first language. Linguistic, cognitive, affective, cultural and social factors influencing the acquisition of another language are explored. Focus includes various age and English ability levels.

Credit Hours: 3 hrs

Prerequisite: LNGE 223 and LNGE 202

Last Updated: Links 04/2011

LNGE 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LNGE 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LNGE 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LNGE 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LNGE 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LNGE 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LNGE 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

LNGE 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

LNGE 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

Latin

LATN 101 - Beginning Latin I

This course introduces students to the basic vocabulary, grammar, and syntax of the Latin language with a view to the reading of Roman literature.

Credit Hours: 3 hrs

LATN 102 - Beginning Latin II

As a follow-up to LATN 101, this course will continue a general introduction to the basic vocabulary, grammar and syntax of the Latin language with a view to the reading of Roman literature.

Credit Hours: 3 hrs

Prerequisite: LATN 101

Last Updated: Links 04/2011

LATN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LATN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LATN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LATN 201 - Intermediate Latin I

As a follow-up to LATN 101-LATN 102, this course will complete a full survey of the elements of Latin grammar and syntax. It will also introduce students to the reading of original passages of major authors, especially prose writers such as Cicero, Caesar, Sallust and Livy.

Credit Hours: 3 hrs

Prerequisite: LATN 102

Last Updated: Links 04/2011

LATN 202 - Intermediate Latin II

As a follow-up to LATN 201, this course will review basic and finer points of the grammar and syntax of ancient Latin during the reading of major authors such as Lucretius, Catullus, Virgil, Cicero, Seneca, Tacitus and Juvenal.

Credit Hours: 3 hrs

Prerequisite: LATN 201

Last Updated: Links 04/2011

LATN 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LATN 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LATN 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LATN 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LATN 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LATN 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LATN 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

LATN 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

LATN 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

LATN 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

LATN 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

LATN 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

Spanish

SPNH 121 - Beginning Spanish I (Gen Ed Area IV)

First semester of beginning Spanish covering basic principles of grammar. Practice in elementary conversation, pronunciation, composition and reading. Regular use of language laboratory and ancillaries (e.g., workbook, compact discs, tapes and publisher Internet resources).

Credit Hours: 5 hrs

Area IV: Knowledge of the Disciplines

SPNH 121 Beginning Spanish I

To be able to communicate in Spanish and appreciate linguistic and cultural similarities and differences, SPNH 121 students learn to produce through speaking and writing, and to understand through reading and listening, the elements of the Spanish

language necessary to be able to function at a basic level in a Spanish-speaking environment. Instruction in SPNH 121 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.

SPNH 122 - Beginning Spanish II (Gen Ed Area IV)

Second semester of beginning Spanish covering basic principles of grammar. Practice in elementary conversation, pronunciation, composition and reading. Regular use of language laboratory and ancillaries (e.g., workbook, compact discs, tapes and publisher Internet resources).

Credit Hours: 5 hrs

Prerequisite: SPNH 121 or by placement exam

Area IV: Knowledge of the Disciplines

SPNH 122 Beginning Spanish II

To be able to communicate in Spanish and appreciate linguistic and cultural similarities and differences, SPNH 122 students learn to produce through speaking and writing, and to understand through reading and listening the elements of the Spanish language necessary to be able to function at a basic level in a Spanish speaking environment. Instruction in SPNH 122 provides examples of speaking and writing that native speakers use to accomplish real tasks; students learn to master these structures while developing a new perspective on their own language, and an appreciation of foreign cultural viewpoint.

Last Updated: Links 03/2011

SPNH 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 201 - Intermediate Spanish I (Gen Ed Area IV)

First semester of second-year Spanish focusing on a review of Spanish grammar, composition, and oral work. Regular use of language laboratory and ancillaries (e.g., workbook, compact discs, tapes and publisher Internet resources). In Spanish.

Credit Hours: 4 hrs

Prerequisite: SPNH 122 or by placement exam

Area IV: Knowledge of the Disciplines

SPNH201 Intermediate Spanish I

Intermediate Spanish prepares students to communicate effectively through both oral and written language comprehension and production, by offering a thorough review of elementary structures along with an introduction to and practice of more complicated grammatical concepts and more sophisticated vocabulary terms. The course meets four hours weekly, which provides students continuing contact with the language and consistent exposure to the cultural components of language acquisition, including: study of the customs and history of Spanish-speaking places, knowledge of linguistic developments, exposure to works of art, music and literary selections produced within a Hispanic context, and a global awareness through knowledge of particular social and political issues affecting Spanish-speaking populations in the United States and abroad.

Last Updated: Links 03/2011

SPNH 202 - Intermediate Spanish II (Gen Ed Area IV)

Second semester of second-year Spanish focusing on a review of Spanish grammar, composition, and oral work. Regular use of language laboratory and ancillaries (e.g., workbook, compact discs, tapes and publisher Internet resources). In Spanish.

Credit Hours: 4 hrs

Prerequisite: SPNH 201 or by placement exam

Area IV: Knowledge of the Disciplines

SPNH 202 Intermediate Spanish II

Intermediate Spanish II prepares students to communicate effectively through both oral and written language comprehension and production, by offering an introduction to and practice of complicated grammatical concepts and sophisticated vocabulary terms. The course meets four hours weekly, which provides students continuing contact with the language and consistent exposure to the cultural components of language acquisition including: study of the customs and history of Spanish-speaking places, knowledge of linguistic developments, exposure to works of art, music and literary selections produced within a Hispanic context, and global awareness through knowledge of particular social and political issues affecting Spanish-speaking populations in the United States and abroad.

Last Updated: Links 03/2011

SPNH 221 - Intermediate Spanish Reading (TO BE DELETED) (Gen Ed Area IV)

An introduction to literary criticism as applied to Hispanic literature. Extensive reading of materials in Hispanic literature and culture. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 202 or by placement exam

Course Revisions:

Course Revisions: This course will be deleted, effective Winter 2013.

Last Updated: Course Deletion 05/2012, effective Winter 2013; Gen Ed Approval 04/2012; Links 03/2011

SPNH 261 - Introduction to Professional Language Study (TO BE DELETED)

This course introduces students to the application of professional languages in a variety of settings focusing on oral and written communication. Students acquire the vocabulary and phrases of basic professional interactions, learn to translate documents of different professions and acquire basic interpreting techniques. Students with interests in other careers will find the course helpful and they can complete special projects.

Credit Hours: 3 hrs

Prerequisite: SPNH 121, SPNH 122, SPNH 201, SPNH 202, SPNH 221, SPNH 322

Course Revisions:

Course Revisions: This course will be deleted, effective Winter 2013.

Last Updated: Course Deletion 05/2012, effective Winter 2013; Links 03/2011

SPNH 277 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 279 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 322 - Introduction to Hispanic Literature (Gen Ed Area IV)

An introduction to literature through the reading and discussion of works from Hispanic writers representative of various periods, genres, countries and cultures. Analysis of works with attention to literary techniques and critical approaches. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 202 or by department permission

Previously Listed As: SPNH 222 **Course Revisions:**

Course number change from SPNH 222 to SPNH 322, prerequisite change from SPNH 201 to 202, effective Winter 2013

Last Updated: Number and Prerequisite change 11/2012, effective Winter 2013; Gen Ed Approval 04/2012, effective Fall 2012; Links 03/2011

SPNH 341 - Survey of Spanish Literature (TO BE DELETED)

This survey course covers the major authors and literary movements from the beginning of peninsular Spanish literature to the end of the 17th century. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 322 or department permission

Course Revisions:

Course Revisions: This course will be deleted, effective Winter 2013.

Last Updated: Course Deletion 05/2012, effective Winter 2013; Links 03/2011

SPNH 343 - Spanish Grammar and Composition

Practice in writing for a variety of purposes and a systematic review of Spanish grammar. Frequent written assignments.

Credit Hours: 3 hrs

Prerequisite: SPNH 202 or department permission

Last Updated: Prerequisite change 11/2012, effective Winter 2013; 03/2011

SPNH 344 - Spanish Conversation and Composition

Emphasis on improved pronunciation, acquisition of vocabulary and idioms for daily life, frequent written compositions and the development of greater oral proficiency.

Credit Hours: 3 hrs

Prerequisite: SPNH 202 or department permission

Last Updated: Prerequisite change 11/2012, effective Winter 2013; Links 03/2011

SPNH 351 - Survey of Spanish-American Literature (TO BE DELETED)

This course deals with the major writers of Spanish America from the colonial period through modernism. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 322 or department permission

Course Revisions:

Course Revisions: This course will be deleted, effective Winter 2013.

Last Updated: Course Deletion 05/2012, effective Winter 2013; Links 03/2011

SPNH 361 - Spanish for International Trade

This course is intended for students who already have a solid intermediate-level command of Spanish and who wish to acquire minimum professional competence in the Spanish language as it is used in the world of international business. It includes practice in various forms of business communication, both written and oral.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 or department permission

Last Updated: Links 03/2011

SPNH 377 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 378 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 379 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 388 - Internship

Provides an opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 1 hr

Prerequisite: Department permission

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 03/2011

SPNH 401 - Advanced Readings in Spanish Literature

Students will read, analyze and discuss in class a selection of representative and challenging works of Spanish literature from a variety of genres (poetry, prose, theater), and from a variety of historical periods. Course readings will be discussed in their historical, cultural and social contexts, and with regard to related literary trends and critical theories. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 or departmental permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Course Revisions:

Course Revisions: This course will have a prerequisite change from "SPNH 343 or department permission" to "SPNH 322 or department permission," effective Winter 2013.

Last Updated: Prerequisite Change 05/2012, effective Winter 2013; Graduate Credit 07/2011; Links 03/2011

SPNH 402 - Advanced Readings in Spanish American Literature

Students will read, analyze and discuss a selection of representative and challenging works of Spanish-American literature from multiple historical periods and genres (poetry, prose, theatre). Course readings will be discussed in their historical, cultural and social contexts, and with regard to related literary trends and critical theories. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Course Revisions:

Course Revisions: This course will have a prerequisite change from "SPNH 343 or department permission" to "SPNH 322 or department permission," effective Winter 2013.

Last Updated: Prerequisite Change 05/2012, effective Winter 2013; Graduate Credit 07/2011; 03/2011

SPNH 411 - The Cultures of Spain

A comprehensive study of the peoples of Spain, their cultures, environment and way of life, covering the evolution of Spain's society throughout history and its current configuration, including natural and human resources, politics, economics, ethnic, linguistic and religious minorities, international relations, literature, the arts, and leisure activities.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 or SPNH 344 or SPNH 361

Previously Listed As: SPNH 301

Last Updated: Number, prereqs. 07/2011; 03/2011

SPNH 412 - The Cultures of Spanish America

A comprehensive study of the peoples of Spanish America, their cultures, environment and way of life, covering the evolution of Hispanic societies in the New World and their current configuration, including natural and human resources, politics, economics, ethnic, linguistic and religious minorities, international relations, literature, the arts, and leisure activities. *In Spanish.*

Credit Hours: 3 hrs

Prerequisite: SPNH 343 or SPNH 344 or SPNH 361

Last Updated: Course Number,description, and prereqs. 07/2011; 03/2011

SPNH 420 - Introduction to Translation

Students will learn basic translation theory and its techniques and processes. They will undertake written exercises on all aspects of translation and will also translate sample documents from various professional fields, from English into Spanish and Spanish into English. The professional subject matter will change each time the course is offered.

Credit Hours: 3 hrs

Prerequisite: SPNH 343, SPNH 344, SPNH 443, and department permission

Concurrent Prerequisite: SPNH 443

Last Updated: New Course 07/2011

SPNH 423 - Hispanic Linguistics

Introduction of the core components of Spanish linguistics, including the sound system (phonetics and phonology), word formation (morphology), formation of phrases and sentences (syntax), the use of the language to convey meaning (semantics and pragmatics), the history of the language and regional and social varieties of Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 343, SPNH 344, and Departmental Permission.

Notes: In Spanish

Previously Listed As: SPNH 422

Last Updated: Number Change 08/2011, effective Winter 2012; Departmental Permission 7/26/2011; Created 7/22/2011

SPNH 430 - Spanish Phonetics and Phonology

Introduction to the sounds of Spanish: their place and manner of articulation (phonetics) as well as how they pattern with respect to each other and are influenced by morphological and syntactic factors (phonology). Practice in transcription. Comparisons are made between English and Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 343, SPNH 344, and Departmental Permission.

Notes: In Spanish

Last Updated: Departmental Permission 7/26/11; Created 7/22/2011

SPNH 443 - Advanced Spanish Grammar and Composition

Extensive written practice for a variety of purposes integrating advanced grammatic structures. Frequent written assignments.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 and SPNH 344 or department permission

Last Updated: Links 03/2011

SPNH 444 - Advanced Spanish Conversation and Composition

Emphasis on greater oral facility, acquisition of additional vocabulary and idioms, advanced sentence structures and frequent written compositions.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 and SPNH 344 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 445 - Spanish-American Prose

A study of selected topics in Spanish-American literature. May be repeated for credit if the material of the course is in another area. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 402 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 446 - Business Spanish I

Required of students majoring in business Spanish. Practice with Spanish commercial correspondence, translation of Spanish business documents and reading of foreign periodical publications on economics and international trade. An overview of international economic organizations and trade agreements related to Spanish-speaking countries and a review of existing bibliography on commercial Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 361 or department permission

Last Updated: Title Change, 9/2012 effective Winter 2013

SPNH 447 - Business Spanish II

Continuation of Business Spanish I. Required of students majoring in Business Spanish. Practice with Spanish commercial correspondence, translation of Spanish business documents and reading of foreign periodical publications on economics and international trade. An overview of international economic organizations and trade agreements related to Spanish-speaking countries and a review of existing bibliography on commercial Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 446 or department permission

Last Updated: Description and Prerequisite Change 09/2012, effective Winter 2013

SPNH 448 - Modern Drama

The development of modern Spanish drama and its various types. Works of the principal dramatists of the 19th and 20th centuries. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 401 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 449 - Romanticism

A study of the major works of Hispanic Romanticism.

Credit Hours: 3 hrs

Prerequisite: SPNH 401 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Notes: In Spanish.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 450 - Spanish-American Theatre

A study of the theatre in Spanish America from its beginning to the present. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 402 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 454 - Modernism in Spanish America

A survey of the literary movement known as "modernismo" in the literature of Spanish America. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 402 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 455 - The Generation of 1898

A study of the works of the main authors of the generation of 1898, from Unamuno to Ortega y Gasset. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 401 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 456 - Scientific and Technical Spanish I

Study of the fundamental Spanish terminology required for scientific and technical contexts, including basic vocabulary for mathematics, geometry and physics. In-depth study of at least one scientific or technical field (e.g., automobile industry, automated processes). Students will explore the vocabulary and resources in their chosen fields.

Credit Hours: 3 hrs

Prerequisite: SPNH 343 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPNH 457 - Scientific and Technical Spanish II

Study of the fundamental Spanish terminology required for scientific and technical contexts, including basic vocabulary for computers, chemistry and biology. In-depth study of at least one scientific or technical field (e.g., data processing, nutrition). Students will explore the vocabulary and resources in their chosen fields.

Credit Hours: 3 hrs

Prerequisite: SPNH 456 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPNH 463 - Don Quixote

The universal qualities of both the book and its author, as well as their relation to Spanish life and literature of the period. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 401 or department permission

Last Updated: 03/2011

SPNH 464 - Drama of the Golden Age

The drama of the 16th and 17th centuries. Works of the major authors will be read and discussed. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 401 or department permission

Last Updated: 03/2011

SPNH 465 - Modern Novel

Study of the development of the modern novel in Spain during the 19th and 20th centuries. Representative novels will be read and discussed. In Spanish.

Credit Hours: 3 hrs

Prerequisite: SPNH 401 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011

SPNH 467 - Introduction to Spanish Interpretation

Introductory course in consecutive interpreting for the professions. Compare modes of express of expression and introduce theoretical aspects and practical techniques of interpreting using simulations. Students interpret from English to Spanish and from Spanish to English. Professional area changes each time offered. Students also do a field project and write a research paper on an aspect of interpreting.

Credit Hours: 3 hrs

Prerequisite: SPNH 443

Last Updated: New Course, 11/2012, effective Winter 2013

SPNH 471 - Culture and Literature of the Hispanic Groups in the United States

A study of the cultures of the major Hispanic groups in the U.S. The study of representative literary works is intended to lead to an increased appreciation of the cultural roots and current life styles of these groups. In Spanish. A minimum of 24 hours of field experience required.

Credit Hours: 3 hrs

Prerequisite: SPNH 322, or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Course Revisions:

SPNH 322 added as a Prerequisite, effective Winter 2013

Last Updated: Prerequisite added 11/2012, effective Winter 2013; Graduate Credit 07/2011

SPNH 477 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 478 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 479 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 482 - Language of the Hispanic Groups in the United States

A survey of present-day social and regional variations in the Spanish spoken in the U.S. and the historical background of these variations. In Spanish. A minimum of 24 hours of field experience required.

Credit Hours: 3 hrs

Prerequisite: An introductory course in linguistics or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPNH 488 - Internship

Provides an opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 2 hrs

Prerequisite: Department permission

Notes: Offered on a credit/no-credit basis

Last Updated: Links 03/2011

SPNH 489 - Internship

Provides an opportunity for the student to extend theoretical classroom learning through working experience in an appropriate setting. Field experience will be supplemented by regular meetings with the faculty supervisors.

Credit Hours: 3 hrs

Prerequisite: Department permission

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 03/2011

SPNH 490 - Intensive Spanish

An intensive linguistic and cultural immersion experience of at least six weeks' duration in a Spanish-speaking country. Instruction at many different levels. May be repeated for credit. In Spanish.

Credit Hours: 6 hrs

SPNH 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPNH 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TESOL

TSLN 330 - TESOL Methodology: Literacy

This course teaches recent literacy theory and its application to pedagogy, including research-based concepts of literacy and their relationship to practical aspects of language acquisition. The course builds teacher candidates' understanding of language and literacy development with an emphasis on teaching English to speakers of other languages.

Credit Hours: 3 hrs

Prerequisite: LNGE 325

Last Updated: Links 03/2011

TSLN 332 - Methodology: Listening and Speaking

This course connects recent language theory and research-based concepts of the teaching of oral/aural language to practical aspects of language acquisition and teaching. The course builds teacher candidates' understanding of oral/aural language development with an emphasis on teaching English to speakers of other languages.

Credit Hours: 3 hrs

Prerequisite: LNGE 325

Last Updated: Links 03/2011

TSLN 410 - TESOL Methodology: Content-Based Approaches

This course focuses on applying principles of English language instruction within content courses. Emphasis is placed on teaching students to use research-based methods of teaching language components (i.e. grammar, vocabulary and pronunciation) and integrating the 4-skills (listening, speaking, reading and writing) with teaching specific content (e.g. science, social studies).

Credit Hours: 3 hrs

Prerequisite: TSLN 330 and TSLN 332

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

TSLN 420 - SLA Testing and Assessment

This course teaches students the basics of testing English speakers of other languages (ESOL) based on current second language acquisition theory, reviews existing tests used with ESOL students, develops tests and alternative assessments for ESOL students, and practices administering ESOL test used in public schools.

Credit Hours: 3 hrs

Prerequisite: TSLN 330 and TSLN 332

Concurrent Prerequisite: TSLN 410

Last Updated: Links 03/2011

TSLN 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

TSLN 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

TSLN 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

TSLN 497 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 1 hr

Prerequisite: department permission

TSLN 498 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 2 hrs

Prerequisite: department permission

TSLN 499 - Independent Study

Advanced study on an individual research basis in areas not covered in formal course work.

Credit Hours: 3 hrs

Prerequisite: department permission

Geography and Geology Programs and Courses

Geography and Geology

Major

Earth Science Major

The earth science major is designed for those interested in pursuing a career as an earth science technician or interested in combining a background in earth science with other fields, including surveying and spatial analysis or even journalism and law. Students pursuing careers as professional earth scientists or considering graduate studies in this area should follow the Geology Major Professional Concentration and carefully select elective courses within that program, in consultation with an adviser, to provide complementary training in either the atmosphere, hydrosphere, or biosphere, or some combination there of, depending on the student's specific area of interest. Numerous minors complement the earth science major. These include, but are not limited to, the following: coastal environments, environmental analysis, chemistry, biology, physics and math.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 12-13 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One of the following:

- **Either**
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- **or**
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs
- **and**
- MATH 107 - Plane Trigonometry 2 hrs
- **or**
- MATH 112 - Topics in Precalculus Mathematics 4 hrs
- **or**
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Major Requirements: 34-35 hours

Required Courses: 31 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 425W - Severe and Unusual Weather (Gen Ed Area I, W) 3 hrs

One of the following:

- ESSC 325 - Geomorphology 4 hrs
- ESSC 370 - Glacial and Quaternary Geology 4 hrs

One of the following:

- ESSC 228 - Mineralogy 4 hrs
- ESSC 229 - Rocks and Minerals 3 hrs

Restricted Elective Courses: 3-4 hours

Three to four credit hours from the following:

- ESSC 325 - Geomorphology 4 hrs
- ESSC 326 - Structural Geology 4 hrs
- ESSC 327 - Soil Science 4 hrs
- ESSC 329 - Igneous and Metamorphic Petrology 4 hrs
- ESSC 330 - Sedimentology and Stratigraphy 4 hrs
- ESSC 331 - Paleontology 4 hrs
- ESSC 370 - Glacial and Quaternary Geology 4 hrs
- ESSC 422 - Environmental Geochemistry 3 hrs
- ESSC 424 - Climatology 3 hrs
- ESSC 430 - Petroleum Geology 3 hrs
- ESSC 448 - Hydrogeology 3 hrs
- ESSC 450 - Lake and Coastal Processes 3 hrs
- ESSC 466W - Global Tectonics (Gen Ed Area I, W) 3 hrs
- ESSC 497 - Independent Study 1 hr
- ESSC 498 - Independent Study 2 hrs
- ESSC 499 - Independent Study 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geography Major

Adviser:

Andrew Nazzaro, Ph.D.

Professor

Geography and Geology

205 Strong Hall

(734) 487-0218

anazzaro@emich.edu

The geography major includes the study of physical landscapes, their origins and the processes that alter them; the imprint of human activity on the earth's surface; the complex relationships among places; and the application of technology to human resource identification, conservation and management.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Adviser Information:

Program Adviser: Dr. Chris Mayda

Email: cmayda@emich.edu

Program Adviser: Dr. Bill Welsh

Email: wwelsh@emich.edu

Program Adviser: Dr. Zachary Moore

Email: zmoore@emich.edu

Phone Number for Advisers: 734.487.0218

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 33-34 hours

Required Courses: 18 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 227 - Topographic Maps 2 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 3 hrs

One course from the following:

- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 360 - Cultural Geography 3 hrs

Specialization Courses: 9-10 hours

Three courses from one of the following areas of specialization:

Geographic Techniques

- ESSC 303 - Field Geography 3 hrs
- ESSC 485 - Introduction to Remote Sensing 3 hrs
- GEOG 376 - Spatial Analysis 3 hrs
- GEOG 476 - Geodatabases and GIS Client Applications 3 hrs
- GEOG 480 - Geographic Information Systems Projects 3 hrs

Physical Geography

- ESSC 250 - Introduction to Coastal Processes 3 hrs
- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 327 - Soil Science 4 hrs
- ESSC 350 - Biogeography 3 hrs
- ESSC 424 - Climatology 3 hrs
- ESSC 425W - Severe and Unusual Weather (Gen Ed Area I, W) 3 hrs
- ESSC 450 - Lake and Coastal Processes 3 hrs

Human Geography

- GEOG 212 - Geography of Travel and Tourism 3 hrs

- GEOG 332 - Urban Geography 3 hrs
- GEOG 333 - Settlement Geography 3 hrs
- GEOG 361 - Geography of Population 3 hrs
- GEOG 405 - Aerial Photo Interpretation 3 hrs
- GEOG 441 - Transportation Geography and Planning 3 hrs
- GHPR 335 - Historic Preservation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs

Regional Geography

- GEOG 314W - Geography of Russia and Neighboring States (Gen Ed Area I, W) 3 hrs
- GEOG 318 - Geography of Asia 3 hrs
- GEOG 319 - Geography of Europe 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 321 - Geography of Latin America 3 hrs
- GEOG 322 - Geography of Africa 3 hrs

Restricted Elective Courses: 6 hours

Select two departmental courses outside of the selected area of specialization.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geography Major - Geo-Tourism Concentration

Adviser:

Andrew Nazzaro, Ph.D.

Professor

Geography and Geology

205 Strong Hall
(734) 487-0218
anazzaro@emich.edu

A geographic approach to tourism represents a distinctly different emphasis from the traditional business approach to the travel industry. The traditional business approach to travel necessarily sees an industry that must be efficiently managed for maximum sustainability of profit. The tourism geography approach, by contrast, focuses upon the physical and human geographic setting of the tourism experience. In addition, it focuses upon the intimate connection of the “internal” tourist experience with the “external” geography of the destination.

The geo-tourism specialist asks, “Specifically, what geographic images and expectations might the tourist carry internally, images and expectations that will color their transactions with the physical setting and culture of that destination? Further, what planning and presentational means will most successfully allow the tourist to fully experience and remember the destination’s unique geography?”

This geo-tourism approach represents an excellent example of applied human geography. Upon completion of the concentration, students will be well prepared as geo-tourism specialists.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 57 hours

Required Courses: 30 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 227 - Topographic Maps 2 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 3 hrs
- GEOG 360 - Cultural Geography 3 hrs

One course from the following:

- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 235 - Economic Geography 3 hrs

One course from the following:

- GEOG 332 - Urban Geography 3 hrs
- GEOG 441 - Transportation Geography and Planning 3 hrs

- GHPR 335 - Historic Preservation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs

Two courses from the following:

- GEOG 314W - Geography of Russia and Neighboring States (Gen Ed Area I, W) 3 hrs
- GEOG 318 - Geography of Asia 3 hrs
- GEOG 319 - Geography of Europe 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 321 - Geography of Latin America 3 hrs
- GEOG 322 - Geography of Africa 3 hrs

Concentration Courses: 21 hours

- GEOG 112 - Introduction to Travel and Tourism 3 hrs
- GEOG 113 - Foundations of Guest Service 3 hrs
- GEOG 212 - Geography of Travel and Tourism 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 336 - Tourism and Socioeconomic Development 3 hrs
- GEOG 445 - Cultural Tourism Resources 3 hrs
- GEOG 446 - Heritage Interpretation and Tourism 3 hrs

Elective Courses: 6 hours

Six hours from the following:

- COSC 101 - Computer Science Concepts and Practical Applications 3 hrs
- CTAC 274 - Intercultural Communication (Gen Ed Area III) 3 hrs
- ESSC 114 - Geology of the National Parks (Gen Ed Area IV) 4 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 424 - Climatology 3 hrs
- GEOG 115 - Observing the Human Landscape 2 hrs
- GEOG 387 - Cooperative Education in Geography 3 hrs
- GEOG 487 - Cooperative Education in Geography 3 hrs
- GEOG 488 - Internship 4 hrs
- HLED 210 - Standard American Red Cross First Aid 2 hrs
- HRM 103 - Introduction to the Hospitality Industry 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- THRC 100 - Foundation and Advancement of the Therapeutic Recreation Profession 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

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- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geology Major - General Geology Concentration

Advisor:

Dr. Mike Bradley
Professor
mbradley@emich.edu

Dr. Steve LoDuca
Professor
sloduca@emich.edu

Dr. Cristine Clark
Professor
cclark7@emich.edu

Geography and Geology
205 Strong Hall
(734) 487-0218

This concentration is for those who seek a general liberal arts education in geology or who are interested in a career combining geology with fields such as business, patent law, technical writing or industrial health and safety. Students planning to pursue a career as a professional geologist or who are interested in graduate training in geology should elect the professional concentration.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 6-8 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

One of the following:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 112 - Topics in Precalculus Mathematics 4 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs

Major Requirements: 35 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 228 - Mineralogy 4 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 326 - Structural Geology 4 hrs
- ESSC 329 - Igneous and Metamorphic Petrology 4 hrs
- ESSC 330 - Sedimentology and Stratigraphy 4 hrs
- ESSC 331 - Paleontology 4 hrs
- ESSC 466W - Global Tectonics (Gen Ed Area I, W) 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geology Major - Hydrogeology Concentration

Advisor:

Dr. Mike Bradley
Professor
mbradley@emich.edu

Dr. Steve LoDuca
Professor
sloluca@emich.edu

Dr. Cristine Clark
Professor
cclark7@emich.edu

Geography and Geology
205 Strong Hall
(734) 487-0218

The hydrogeology concentration prepares students for graduate study or employment in the hydrogeology industry. It focuses on those aspects of geology and related sciences that pertain to the occurrence, movement, supply and quality of water. The program is designed to provide a strong technical base. Students will be educated in skills that are required to gather and process data with particular attention to water-related problems. The program includes a group minor composed of the required courses in mathematics, chemistry and physics. No other minor is needed to meet graduation requirements.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 68-70 hours

- Field Hydrogeology (2 hrs)
* see note
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 228 - Mineralogy 4 hrs
- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 325 - Geomorphology 4 hrs
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- ESSC 330 - Sedimentology and Stratigraphy 4 hrs
- ESSC 355 - Field Geology I 2 hrs
- ESSC 356 - Field Geology II 3 hrs
- ESSC 448 - Hydrogeology 3 hrs
- ESSC 466W - Global Tectonics (Gen Ed Area I, W) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One course from the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** The hydrogeology field course may be selected from a number of universities with approval from a geology adviser.*

Critical Graduation Information:

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geology Major - Professional Concentration

Advisor:

Dr. Mike Bradley
Professor
mbradley@emich.edu

Dr. Steve LoDuca
Professor
sloduca@emich.edu

Dr. Cristine Clark
Professor
cclark7@emich.edu

Geography and Geology
205 Strong Hall
(734) 487-0218

This concentration provides the necessary background for students planning to become professional geologists. Students who successfully complete the curriculum are prepared to enter positions in industry or to undertake graduate study in geology. The

program includes a group minor composed of the required courses in mathematics, chemistry and physics. No other minor is needed to meet graduation requirements.

Required courses and elective courses in science and mathematics are listed below. Additional general education and elective courses totaling 124 hours are required to complete a degree.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 69-74 hours

Required Courses: 60-62 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 228 - Mineralogy 4 hrs
- ESSC 326 - Structural Geology 4 hrs
- ESSC 329 - Igneous and Metamorphic Petrology 4 hrs
- ESSC 330 - Sedimentology and Stratigraphy 4 hrs
- ESSC 331 - Paleontology 4 hrs
- ESSC 355 - Field Geology I 2 hrs
- ESSC 356 - Field Geology II 3 hrs
- ESSC 466W - Global Tectonics (Gen Ed Area I, W) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One course from the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

Elective Courses: 9-12 hours

Three courses from the following:

- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 327 - Soil Science 4 hrs
- ESSC 370 - Glacial and Quaternary Geology 4 hrs
- ESSC 387 - Cooperative Education in Geoscience 3 hrs
- ESSC 422 - Environmental Geochemistry 3 hrs
- ESSC 428 - Optical Mineralogy 3 hrs
- ESSC 430 - Petroleum Geology 3 hrs
- ESSC 439 - Economic Geology 3 hrs
- ESSC 448 - Hydrogeology 3 hrs
- ESSC 450 - Lake and Coastal Processes 3 hrs
- ESSC 459 - Aquifer Analysis 3 hrs
- ESSC 460 - Contaminant Hydrology 3 hrs
- ESSC 470 - Quantitative Methods in Geography and Geology 3 hrs
- ESSC 487 - Cooperative Education in Geoscience 3 hrs
- ESSC 488 - Internship 4 hrs
- ESSC 489 - Internship 5 hrs
- ESSC 490 - Internship 6 hrs
- ESSC 499 - Independent Study 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Earth Science Major

Correction - This program was revised on May 2, 2019, to correct an error. Under "Major Requirements," "BIOT 403" was replaced with "BIO 406."

Adviser:

Andrew Nazzaro, Ph.D.

Professor

Geography and Geology

205 Strong Hall

(734) 487-0218

anazzaro@emich.edu

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in earth/space science, certification code DH. The Michigan Test for Teacher Certification (MTTC) covering this field is #020, "Earth/Space Science." Consult a department adviser before you declare this major.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Adviser Information:

Program Adviser: Thomas Kovacs

Email: tkovacs@emich.edu

Phone: 734.487.0218

Program Adviser: Michael Kasenow

Email: mkasenow@emich.edu

Phone : 734.487.0218

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 16-17 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One course from the following:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs

Major Requirements: 36 hours

Required Courses: 36 hours

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- ESSC 229 - Rocks and Minerals 3 hrs
- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 331 - Paleontology 4 hrs
- * ESSC 406 - The Nature of Science 1 hr
- * PHY 406, CHEM 406, or BIO 406 may be substituted for ESSC 406.

One course from the following:

- ESSC 325 - Geomorphology 4 hrs
- ESSC 370 - Glacial and Quaternary Geology 4 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Earth Science Majors take:

- ESSC 347 - Methods for Teaching Secondary Earth Science 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Geography Major

PROGRAM WILL BE PHASED OUT: EFFECTIVE FALL 2012

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for certification for the Michigan Department of Education Secondary Provisional Certificate endorsed in geography, certification code CB, and, depending on the minor selected, endorsement in economics (CA), history (CC), or political science (CD). The certification test covering this field is #008 "Geography".

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours

2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 9 hours

- A course in economics, if not included in the minor (3 hrs)
- HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV) 3 hrs
- HIST 103 - 20th-Century Civilization (Gen Ed Area III) 3 hrs

Major Requirements: 30-31 hours

Required Courses: 15 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs

- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs

Restricted Elective Courses: 15-16 hours

Regional Geography

Two courses from the following:

- GEOG 111 - Regions and Resources 3 hrs
- GEOG 314W - Geography of Russia and Neighboring States (Gen Ed Area I, W) 3 hrs
- GEOG 318 - Geography of Asia 3 hrs
- GEOG 319 - Geography of Europe 3 hrs
- GEOG 321 - Geography of Latin America 3 hrs
- GEOG 322 - Geography of Africa 3 hrs

One course from each of the following three areas: (9-10 hours) total

Geographic Techniques

- ESSC 303 - Field Geography 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 3 hrs

Physical Geography

- ESSC 250 - Introduction to Coastal Processes 3 hrs
- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 327 - Soil Science 4 hrs
- ESSC 350 - Biogeography 3 hrs

Human Geography

- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 333 - Settlement Geography 3 hrs
- GEOG 360 - Cultural Geography 3 hrs
- GEOG 361 - Geography of Population 3 hrs
- GHPR 335 - Historic Preservation 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Geography Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs

This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Select a teaching minor from the following: economics, history, and political science.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Geography/History Comprehensive Major

Adviser:

Andrew Nazzaro, Ph.D.

Professor
Geography and Geology
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Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for certification for the Michigan Department of Education Secondary Provisional Certificate endorsed in geography, certification code CB, and endorsement in history (CC). The certification test covering this field is #008 "Geography".

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Required Courses: 45 hours

These courses cannot be taken separately in any way and form a single integrated program of study.

- ECON 375 - Economic History of the United States 3 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs

- GEOG 316 - History and Geography of Modern Europe 3 hrs
- OR**
- HIST 316 - History and Geography of Modern Europe 3 hrs

- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs
- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Geography/History Electives: 15-18 hours

- Three Geography (GEOG) or Earth System Science (ESSC) courses at 200-level and above.
- Three upper-level History (HIST) courses (3 credits each, 300-level and above): one in United States or Canada (Area A), one in Europe (Area B), and one in Africa, Asia or Latin America (Area C).

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Geography/History Comprehensive Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

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University Information: Consult the online catalog at catalog.emich.edu.

Urban and Regional Planning Major

This interdisciplinary major studies the current situation in urban and regional planning, including land use, zoning, problems of urban growth and local decision-making. The program is designed to prepare students for positions in public planning agencies, private planning firms or other positions where planning skills are needed and relevant. Courses provide necessary skills to develop zoning ordinances, analyze site plans, critique general development plans, administer local planning regulations as well as prepare and review grant applications, environmental impact statements and policy planning programs.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
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Website: emich.edu/geo

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 36 hours

Required Courses: 30 hours

- PLSC 270 - Public Administration 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- URP 216 - Readings in Urban Planning 2 hrs
- URP 276 - Principles of Geographic Information Systems 3 hrs
- URP 306 - Comprehensive Planning and Zoning 3 hrs
- URP 401 - Planning/Preservation Graphics 3 hrs
- URP 410L - Site Planning Studio (Gen Ed Area V LBC) 4 hrs
- URP 415W - Methods of Planning Analysis (Gen Ed Area I, W) 3 hrs
- URP 435 - History of Urban Form and Function 3 hrs
- URP 495 - Environmental Assessment and Planning 3 hrs

Restricted Elective Courses: 6 hours

Six hours from the following selected in consultation with the advising coordinator:

- ESSC 303 - Field Geography 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 376 - Spatial Analysis 3 hrs

- GEOG 405 - Aerial Photo Interpretation 3 hrs
- GEOG 441 - Transportation Geography and Planning 3 hrs
- GEOG 476 - Geodatabases and GIS Client Applications 3 hrs
- GHPR 335 - Historic Preservation 3 hrs
- GPLN 387 - Cooperative Education 3 hrs
- GPLN 487 - Cooperative Education 3 hrs
- GPLN 488 - Internship 4 hrs
- GPLN 489 - Internship 5 hrs
- GPLN 490 - Internship 6 hrs
- GPLN 497 - Independent Study 1 hrs
- GPLN 498 - Independent Study 2 hrs
- GPLN 499 - Independent Study 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs
- URP 409 - Professional Practice for Planners 2 hrs
- URP 452 - Infrastructure Planning and Policy (NEW COURSE) 3 hrs
- URP 456 - Zoning and Land Development Regulation (NEW COURSE) 2 hrs
- URP 459 - Planning/Preservation Studio (NEW COURSE) 3 hrs

Minor Requirements: 20 hours

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Cartography and Remote Sensing Minor

Cartography (map-making) is an ancient science designed to depict the earth's features and human activities. Today maps are made with several significant functions in mind to understand spatial phenomena, to store information and to analyze areal relationships.

Remote sensing uses space-age technology to sense, record and transmit information about the biosphere and atmosphere. Satellite imagery is an important element in collecting remote sensing data. Remote sensing information is often used in constructing modern maps, whether by hand or through the use of computer mapping and geographic information systems software.

The goal of the minor is to provide an employment track for undergraduates to entry-level positions as cartographers and remote sensing technicians. The minor provides balanced training between traditional cartographic work and computer maps. Emphasis is on map properties, spatial concepts, mapping techniques, drafting skills, graphic storage and display of data. A strongly recommended aspect of this training is the internship or cooperative education experience at nearby private and public agencies.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Required Courses: 15 hours

- ESSC 485 - Introduction to Remote Sensing 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 3 hrs
or
- URP 276 - Principles of Geographic Information Systems 3 hrs
- GEOG 376 - Spatial Analysis 3 hrs
- GEOG 405 - Aerial Photo Interpretation 3 hrs
- GHPR 401 - Planning/ Preservation Graphics 3 hrs
or
- URP 401 - Planning/Preservation Graphics 3 hrs

Restricted Elective Courses: 5 hours

Five hours from the following:

- ARTS 104 - Graphic Design for Nonmajors (Gen Ed Area IV) 3 hrs
- CADM 231 - Computer Graphic Programming for Industry 3 hrs
- CMT 121 - Graphic Communication 3 hrs
- CNST 206 - Surveying 3 hrs
- ESSC 227 - Topographic Maps 2 hrs
- ESSC 355 - Field Geology I 2 hrs
- ESSC 387 - Cooperative Education in Geoscience 3 hrs
- ESSC 487 - Cooperative Education in Geoscience 3 hrs
- ESSC 488 - Internship 4 hrs
- ESSC 489 - Internship 5 hrs
- ESSC 490 - Internship 6 hrs
- IS 417 - Systems Analysis and Design 3 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs

One course from the following:

- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- IS 215 - End-User Computing 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Coastal Environments Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Required Courses: 16 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 250 - Introduction to Coastal Processes 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 350 - Biogeography 3 hrs
- ESSC 450 - Lake and Coastal Processes 3 hrs

Restricted Elective Courses: 6 hours

Six hours from the following:

- ESSC 208 - Natural Environmental Hazards 3 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 330 - Sedimentology and Stratigraphy 4 hrs
- ESSC 495 - Environmental Assessment and Planning 3 hrs
- GEOG 405 - Aerial Photo Interpretation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- URP 495 - Environmental Assessment and Planning 3 hrs

Minor Total: 22 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students, in consultation with the minor adviser, may choose other elective courses not listed above.

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- Meet the requirements of the General Education program (see information below).
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- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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University Information: Consult the online catalog at catalog.emich.edu.

Earth Science Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Required Courses: 17 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- ESSC 229 - Rocks and Minerals 3 hrs
- ESSC 320 - Oceanography 3 hrs

Restricted Elective Courses: 3-4 hours

One course from the following:

- ESSC 324 - Weather 3 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 327 - Soil Science 4 hrs
- ESSC 331 - Paleontology 4 hrs
- ESSC 370 - Glacial and Quaternary Geology 4 hrs
- ESSC 424 - Climatology 3 hrs
- ESSC 425W - Severe and Unusual Weather (Gen Ed Area I, W) 3 hrs
- ESSC 466W - Global Tectonics (Gen Ed Area I, W) 3 hrs
- GEOG 476 - Geodatabases and GIS Client Applications 3 hrs

Minor Total: 20-21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Environmental Analysis Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Required Courses: 24 hours

- ESSC 459 - Aquifer Analysis 3 hrs
- ESSC 460 - Contaminant Hydrology 3 hrs
- ESSC 470 - Quantitative Methods in Geography and Geology 3 hrs

- ESSC 495 - Environmental Assessment and Planning 3 hrs
or
- URP 495 - Environmental Assessment and Planning 3 hrs

- GEOG 376 - Spatial Analysis 3 hrs
- GEOG 405 - Aerial Photo Interpretation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs

One course from the following:

- ESSC 250 - Introduction to Coastal Processes 3 hrs
- ESSC 485 - Introduction to Remote Sensing 3 hrs

Minor Requirements: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geographic Information Systems Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Required Courses: 15 hours

- GEOG 276 - Principles of Geographic Information Systems 3 hrs
or
- URP 276 - Principles of Geographic Information Systems 3 hrs

- GEOG 376 - Spatial Analysis 3 hrs
- GEOG 405 - Aerial Photo Interpretation 3 hrs
- GEOG 476 - Geodatabases and GIS Client Applications 3 hrs
- GEOG 480 - Geographic Information Systems Projects 3 hrs

Restricted Elective Courses: 6-7 hours

One course from the following:

- ESSC 108 - Earth Science for Nonscience Majors (Gen Ed Area IV) 3 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs

One course from the following:

- ESSC 485 - Introduction to Remote Sensing 3 hrs
- GEOG 361 - Geography of Population 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs

Minor Total: 21-22 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geography Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Adviser Information:

Program Adviser: Dr. Chris Mayda
Email: cmayda@emich.edu

Program Adviser: Dr. Bill Welsh
Email: wwelsh@emich.edu

Program Adviser: Dr. Zachary Moore
Email: zmoore@emich.edu

Phone Number for Advisers: 734.487.0218

Required Courses: 7 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs

Restricted Elective Courses: 13 hours

Thirteen hours selected in consultation with a geography adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Geology Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
 Department Contact: rsambroo@emich.edu
 Website: emich.edu/geo

Required Courses: 20 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs

- ESSC 111 - The Earth System through Time 4 hrs
- * ESSC 228 - Mineralogy 4 hrs
- * ESSC 326 - Structural Geology 4 hrs

One of the following:

- ESSC 329 - Igneous and Metamorphic Petrology 4 hrs
- ESSC 330 - Sedimentology and Stratigraphy 4 hrs

Elective Courses: 3-4 hours

Three or four hours at the 300-level or above in ESSC, selected in consultation with a geology adviser.

Minor Total: 23-24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

** Students will need to take CHEM 121/122 to satisfy the prerequisites for ESSC 228; students need to take either MATH 107, MATH 112, MATH 120 or MATH 122 to satisfy the prerequisites for ESSC 326.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor

- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Historic Preservation Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Required Courses: 23 hours

- ARTH 472 - History of American Architecture 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 333 - Settlement Geography 3 hrs
- GEOG 360 - Cultural Geography 3 hrs
- GHPR 335 - Historic Preservation 3 hrs
- GHPR 475 - Architectural Nomenclature 2 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs

Restricted Elective Courses: 4-6 hours

Students, in consultation with the program advisers, may choose other elective courses not listed below.

Two courses from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 150 - Introductory Archaeology (Gen Ed Area IV) 3 hrs
- CNST 201 - Construction Systems 3 hrs
- CNST 228 - Construction Graphics 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 345 - Geography of Resorts 2 hrs
- GHPR 401 - Planning/ Preservation Graphics 3 hrs
- HIST 305 - Native American History 3 hrs
- HIST 313 - Michigan History 3 hrs
- HIST 362 - United States Urban History 3 hrs
- IDE 226 - History of Interiors from 1800 to Present 3 hrs
- PSY 350 - Environmental Psychology 3 hrs
- SOCL 306 - The Urban Community 3 hrs
- TEDU 105 - History of Industrial Technology 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- URP 401 - Planning/Preservation Graphics 3 hrs

Minor Requirements: 27-29 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students, in consultation with the program advisers, may choose other elective courses not listed above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Earth Science Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in earth/space science, certification code DH. The Michigan Test for Teacher Certification (MTTC) covering this field is #020, "Earth/Space Science." Consult a department adviser before you declare this minor.

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Adviser Information:

Program Adviser: Thomas Kovacs
Email: tkovacs@emich.edu
Phone: 734.487.0218

Program Adviser: Michael Kasenow
Email: mkasenow@emich.edu
Phone: 734.487.0218

Required Courses: 28-31 hours

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- ESSC 229 - Rocks and Minerals 3 hrs
- ESSC 300 - Introduction to Hydrology 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 324 - Weather 3 hrs
- * ESSC 347 - Methods for Teaching Secondary Earth Science 3 hrs
- ** ESSC 406 - The Nature of Science 1 hr

Minor Total: 28-31 hours

Notes:

Catalog Correction: *All students minoring in Earth Science with secondary certification need to be majoring in a science or math teaching program. No other teaching program majors will be allowed due to the low pass rate of the MTTC test.*

All minors must have at least six hours of course work at the 300-level or above.

* This course is only required if one of the following courses has not been taken: BIOT 403, CHEM 325 or PHY 325.

** BIO 406 or CHEM 406 or PHY 406 may be substituted for ESSC 406.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Geography Minor

PROGRAM WILL BE PHASED OUT: EFFECTIVE FALL 2012

This minor is only available to students taking the social studies or history major, for the purposes of state teacher certification. Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in geography, certification code CB. The Michigan Test for Teacher Certification (MTTC) covering this field is #008, "Geography."

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Required Courses: 18 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 481 - The Teaching of Social Studies 3 hrs

Elective Courses: 2-3 hours

Two or three additional credit hours in GEOG approved by the adviser.

Minor Total: 20-21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- **Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Tourism Geography Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook
Department Contact: rsambroo@emich.edu
Website: emich.edu/geo

Required Courses: 21 hours

- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 112 - Introduction to Travel and Tourism 3 hrs
- GEOG 113 - Foundations of Guest Service 3 hrs
- GEOG 212 - Geography of Travel and Tourism 3 hrs
- GEOG 445 - Cultural Tourism Resources 3 hrs
- GEOG 446 - Heritage Interpretation and Tourism 3 hrs

One course from the following:

- ESSC 108 - Earth Science for Nonscience Majors (Gen Ed Area IV) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 336 - Tourism and Socioeconomic Development 3 hrs
- GEOG 441 - Transportation Geography and Planning 3 hrs
- GHPR 335 - Historic Preservation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Urban and Regional Planning Minor

Geography and Geology Department Information:

Department Head: Richard Alan Sambrook

Department Contact: rsambroo@emich.edu

Website: emich.edu/geo

Required Courses: 11 hours

- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- URP 216 - Readings in Urban Planning 2 hrs
- URP 306 - Comprehensive Planning and Zoning 3 hrs
- URP 435 - History of Urban Form and Function 3 hrs

Restricted Elective Courses: 9 hours

Nine hours from the following selected in consultation with the advising coordinator.

- ESSC 303 - Field Geography 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 376 - Spatial Analysis 3 hrs
- GEOG 441 - Transportation Geography and Planning 3 hrs
- GHPR 335 - Historic Preservation 3 hrs
- GPLN 387 - Cooperative Education 3 hrs
- GPLN 488 - Internship 4 hrs
- GPLN 489 - Internship 5 hrs
- GPLN 490 - Internship 6 hrs
- GPLN 497 - Independent Study 1 hrs
- GPLN 498 - Independent Study 2 hrs
- GPLN 499 - Independent Study 3 hrs
- PLSC 270 - Public Administration 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs
- URP 276 - Principles of Geographic Information Systems 3 hrs
- URP 401 - Planning/Preservation Graphics 3 hrs
- URP 409 - Professional Practice for Planners 2 hrs
- URP 410L - Site Planning Studio (Gen Ed Area V LBC) 4 hrs
- URP 495 - Environmental Assessment and Planning 3 hrs
- URP 452 - Infrastructure Planning and Policy (NEW COURSE) 3 hrs
- URP 456 - Zoning and Land Development Regulation (NEW COURSE) 2 hrs
- URP 459 - Planning/Preservation Studio (NEW COURSE) 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Earth Systems Science

ESSC 101 - Introduction to Weather and Forecasting (Gen Ed Area IV)

Students learn the scientific basis for using weather observations to make predictions of the future weather, the technology used to obtain weather observations and how these observations are presented for public information. Weather forecasting will focus on real-time local and significant weather impacts.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: 3 hours per week, Lab: 1 2-hour period per week.

Area IV: Knowledge of the Disciplines

ESSC 101- Introduction to Weather and Forecasting

Students will be divided into several different groups throughout the semester to tackle a small part of each unit independently. These groups will be defined in the online discussion groups and will also determine groups within lab. Each student group will be required to discuss, through online threaded discussions, their topic with guided questions provided by the instructor. For example, in the first unit one group will discuss temperature, another group will discuss wind, etc. Once each group develops an expertise in their topic they will split up into different groups with student from other groups to teach each other about their topic and to analyze a set of problems assigned by the instructor. This activity is commonly called a jigsaw puzzle activity because each student will bring to each group a piece of the puzzle and will be required to analyze or solve problems that require multiple students' knowledge (multiple parts of the puzzle). Often these discussions will be extensions of the laboratory exercises.

During lecture students will get an introduction to topics and discussion from the instructor on more difficult topics. The instructor will also discuss the student-led on-line discussions. Lecture time will also be used to assign groups and allow groups some time to get together in class, though most work of the groups is expected to be completed in laboratories and within on-line discussions.

Last Updated: New Course 02/2012, effective Fall 2012, Gen Ed Approval, effective Winter 2013

ESSC 105 - Climate Change in Human Times (Gen Ed Area III)

An introduction to the study of climate and its' variability through time. We will discuss how the climate system works, examine past climate changes and possible causes, investigate the current global warming and its effect on the environment and human population, and analyze the predicted changes for the future and possible solutions.

Credit Hours: 3 hrs

ESSC 107 - Introduction to Environmental Science (Gen Ed Area III)

An introduction to the basic biological, physical and chemical processes that control today's environmental conditions. The global ecosystem is presented as a structure that includes human society. The understanding of local and global environmental problems and discussion of potential solutions are emphasized.

Credit Hours: 3 hrs

Cross-Listed with: BIO 107

Notes: Does not count toward the Biology major or minor

Area III: Perspectives on a Diverse World

BIO/ESSC 107 Introduction to Environmental Science

This course gives students an understanding of important challenges to the integrity of the global ecosystem and begins to explain many of the scientific and social issues that surround them. Globally, human health and economic well-being can only be sustained under amenable environmental conditions, which depend on climate, atmosphere, water, forests, agricultural soils, human population density and biodiversity. Every bit of the surface of Earth is influenced by human activities; the global

connectedness of our economic activities means that many of our everyday decisions impact far-flung corners of the planet. The goal of this class is for students to gain a better understanding of the workings of the global ecosystem and how the expanding human population interacts with it and depends on it. Learning the basics of environmental science will allow students to make informed decisions about individual and collective actions that impact the present and future state of the environment, both locally and globally.

Last Updated: Links 04/2011

ESSC 108 - Earth Science for Nonscience Majors (Gen Ed Area IV)

This class provides a basic understanding of the nature of the lithosphere, hydrosphere and atmosphere for nonscience majors. Emphasis is on understanding the dynamic processes that affect the earth and how to apply this knowledge to everyday life.

Credit Hours: 3 hrs

Corequisites: ESSC 109

Notes: Does not count towards major or minor.

Area IV: Knowledge of the Disciplines

ESSC 108 Earth Science for Non-science Majors & Lab [was GESC 108]

Earth scientists view the entire Earth as a complex system in which a number of components dynamically interact on different timescales. Because the human race is entirely dependent on the resources of the Earth System, because the dynamic nature of the Earth System has a profound impact on individual and societal well-being, and because human activities in turn influence the delicate equilibrium of this system, it is essential to produce a citizenry that has a meaningful understanding of Earth System Science. Students will learn the procedures, practices, methodologies and assumptions that are fundamental to a scientific understanding of the Earth System. The overarching goal of the course is to create scientifically literate citizens that are both willing and able to participate responsibly in a global community by: (1) carefully applying the scientific method as a tool for problem solving, in general; (2) critically evaluating the scientific merit of anything that is presented as science (is it really science?), especially in the area of Earth System Science; and (3) thoroughly incorporating Earth System Science in important decisions and issues at the personal, local, national and global levels.

Last Updated: Links 04/2011

ESSC 109 - Earth Science Laboratory for Non-Science Majors (Gen Ed Area IV)

The laboratory class to accompany ESSC 108. Applications of the scientific method of inquiry as applied to earth sciences to reinforce basic concepts as taught in ESSC 108.

Credit Hours: 1 hr

Corequisites: ESSC 108

Notes: Does not count towards major or minor

Area IV: Knowledge of the Disciplines

ESSC 109 Earth Science for Non-science Majors & Lab [was GESC 108]

Earth scientists view the entire Earth as a complex system in which a number of components dynamically interact on different timescales. Because the human race is entirely dependent on the resources of the Earth System, because the dynamic nature of the Earth System has a profound impact on individual and societal well-being, and because human activities in turn influence the delicate equilibrium of this system, it is essential to produce a citizenry that has a meaningful understanding of Earth System Science. Students will learn the procedures, practices, methodologies and assumptions that are fundamental to a scientific understanding of the Earth System. The overarching goal of the course is to create scientifically literate citizens that are both willing and able to participate responsibly in a global community by: (1) carefully applying the scientific method as a tool for problem solving, in general; (2) critically evaluating the scientific merit of anything that is presented as science (is it really

science?), especially in the area of Earth System Science; and (3) thoroughly incorporating Earth System Science in important decisions and issues at the personal, local, national and global levels.

Last Updated: Links 04/2011

ESSC 110 - The Dynamic Earth System (Gen Ed Area IV)

An introduction to the Earth System and its components. Utilizes the scientific method to address composition of the earth system, fundamental processes within the earth system and linkages between all components of the system. Includes consideration of how humans impact and are impacted by, the Earth System.

Credit Hours: 4 hrs

Area IV: Knowledge of the Disciplines

ESSC 110 The Dynamic Earth System

In this course, the Earth is viewed as a single, dynamic system, composed of four principal components: Geosphere (the solid Earth), Atmosphere (the gaseous outer envelope of the Earth), Hydrosphere (the liquid water component of the Earth), and Biosphere (the living component of the Earth). This course provides a detailed overview of how the scientific method is applied, in the context of the fundamental laws of physics and chemistry, to understand the Earth System, with particular emphasis being placed on the Geosphere component. The overarching goal of the course is to create scientifically literate citizens that are both willing and able to participate responsibly in a global community by: (1) carefully applying the scientific method as a tool for problem solving, in general (2) critically evaluating the scientific merit of anything that is presented as science (is it really science?), especially in the area of Earth System Science; and (3) thoroughly incorporating Earth System Science in important decisions and issues at the personal, local, national and global levels.

ESSC 111 - The Earth System through Time

The origin, development and succession of earth materials, surface and life forms, culminating in one present scene and organic population. Field trips and reports may be required. Required for Geology and Earth Science majors and minors.

Credit Hours: 4 hrs

Prerequisite: ESSC 110

Last Updated: Links 04/2011

ESSC 114 - Geology of the National Parks (Gen Ed Area IV)

An introduction to the geology of U.S. National Parks and Monuments. Application of the scientific method of inquiry to the basic geologic processes responsible for their formation.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one two-hour period per week

Notes: Does not count towards major or minor

Last Updated: Credit Hour and Course Description Change 04/2012, effective Fall 2012

ESSC 120 - Dinosaurs, Mammoths and Trilobites: An Introduction to Paleontology (Gen Ed Area IV)

An introduction to Paleontology designed for students who are not majoring or minoring in science. Includes exploration of the scientific method in the context of Paleontology, with hands-on lab-based activities, plus overviews of major groups of life, key ecosystems, and mass extinction events during the history of the biosphere.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week; Laboratory: one two-hour period per week.

Area IV: Knowledge of the Disciplines

ESSC 120 Dinosaurs, Mammoths & Tilobites: An Introduction to Paleontology [was GEOL 120 The Fossil Record]

This course provides a detailed overview, including inquiry based modules, of how the scientific method is applied to understand: (1) the organic origin of fossils, (2) the key components of the process of fossilizations, (3) the Biosphere, and (5) mass extinction events in the history of the Biosphere, including their consequences and possible causes. Through these efforts the overarching goal of the course is to create scientifically literate citizens that are both willing and able to participate responsibly in a global community by: (1) carefully applying the scientific method as a tool for problem solving, in general; (2) critically evaluating the scientific merit of anything that is presented as science (is it really science?), especially in the area of Paleontology; and (3) thoroughly examining key issues pertaining to interactions between humans and their environment by employing the unique perspective that only a full and complete understanding of the history of the Biosphere, including our place in that history, can provide.

Last Updated: Credit Hour and Course Description Change 04/2012, effective Fall 2012

ESSC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ESSC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ESSC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV)

Lectures and laboratory deal with earth science concepts and teaching methodology. Nationally used elementary science curricula acquaint the student with techniques of teaching basic earth science concepts. Emphasis on student-centered, process-oriented approaches widely used in elementary classrooms.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: one two-hour period per week.

Prerequisite: CHEM 101

Notes: Equivalent to ESSC 108.

Area IV: Knowledge of the Disciplines

ESSC 202 Earth Science for Elementary Teachers

This course is an introduction to the study of the geosphere, hydrosphere, atmosphere and exosphere or space, providing students with earth science content knowledge and a hands-on minds-on experience to understand that knowledge. The content knowledge will help the student to be able to teach the elementary Earth Science Michigan Curriculum Framework standards and benchmarks. These benchmarks are required for teaching by in-service teachers. The earth science knowledge will also help the student pass the Michigan Test for Teacher Certification (MTTC). The course supplies students with the necessary skills required to understand the scientific method of inquiry. It provides students with experience doing laboratories that they may be able to modify for their own elementary classrooms. The students work on a DLESE: Digital Library for Earth System Education project which helps the students build a portfolio of earth science activities for use later as an elementary in-service teacher.

Last Updated: Links 04/2011

ESSC 208 - Natural Environmental Hazards

Analysis of devastating earthquakes, volcanic eruptions, floods, violent storms, freezes and other environmental catastrophes, emphasizing their causes and human adjustments to these events.

Credit Hours: 3 hrs

Prerequisite: ESSC 105 or BIO 107/ESSC 107 or ESSC 108 or ESSC 110 or ESSC 114 or ESSC 202

Last Updated: Links 04/2011

ESSC 212 - Weather, Climate and the Earth System

An examination of earth-sun relationships, the nature of atmospheric processes, weather, and climate.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: ESSC 110

Last Updated: Links 04/2011

ESSC 215 - Aviation Weather

This course provides the student with an introduction to the properties and processes that create weather and addresses aviation specific weather topics to prepare the student for Federal Aviation Administration examinations. Topics include types of weather that adversely affect flight operation and aviation weather services.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology and Aviation Management Majors and Minors only

Cross-Listed with: AVT 215

Last Updated: Links 04/2011

ESSC 227 - Topographic Maps

Interpretation of distances, slopes and terrain features as shown on topographic contour maps. Preparation of contour maps from numerical data and of topographic profiles from contour maps; the correlation of landforms and landform patterns with the geologic materials and processes responsible for them.

Credit Hours: 2 hrs

Prerequisite: ESSC 110 or ESSC 202

Last Updated: Links 04/2011

ESSC 228 - Mineralogy

A study of the crystallography, crystal chemistry and identification of the most important rock forming and economic minerals of the crust of the earth.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one two-hour period per week

Prerequisite: ESSC 110

Concurrent Prerequisite: CHEM 121 and CHEM 122 and ESSC 111

Last Updated: Links 04/2011

ESSC 229 - Rocks and Minerals

The identification and classification of rocks and minerals with special emphasis on characteristics used in the field.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: one two-hour period per week.

Prerequisite: ESSC 110

Last Updated: Links 04/2011

ESSC 250 - Introduction to Coastal Processes

Description and analysis of the physical and biogeographical processes of ocean and lake coasts. Distribution and origins of coastal environments. Natural and human modification of beach, river valley, estuary, marsh, delta and coral reef environments by waves, currents and tides. Classroom demonstrations and field trips.

Credit Hours: 3 hrs

Prerequisite: ESSC 110 or ESSC 202

Last Updated: Links 04/2011

ESSC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ESSC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hr

ESSC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ESSC 300 - Introduction to Hydrology

Study of physical, chemical and biological elements of rivers, lakes, wetlands and groundwater, and the economic, social, political and legal issues currently associated with these systems. Required for the hydrogeology major.

Credit Hours: 3 hrs

Prerequisite: ESSC 110

Last Updated: Links 04/2011

ESSC 303 - Field Geography

Techniques in the observation and analysis of geographic features in the field. Emphasizes individual and group problem formulation, problem solving of geographic questions by using the scientific method and combining traditional field exploration with the use of library aids.

Credit Hours: 3 hrs

Prerequisite: ESSC 110

Last Updated: Links 04/2011

ESSC 307 - Essentials of Oceanography for Elementary Teachers

A course designed to prepare Elementary Education majors to conduct classes using marine-based materials. Ocean processes including marine geology, sediments, seawater properties, currents, waves, tides, coastal environments and marine organisms will be discussed. Students will receive hands-on activities created to directly engage K-6 pupils in the scientific method of investigation.

Credit Hours: 3 hrs

Prerequisite: ESSC 202

Last Updated: Links 04/2011

ESSC 311 - Weather and Climate for Elementary Teachers

Elementary investigation of weather and climate in their geographical distributions and relationships with other components of the earth system. Earth science principles and methods applicable to an elementary classroom using simple materials are stressed. Class activity includes simple hands-on demonstrations, application of the scientific method, field trips and analyses of weather and climate maps.

Credit Hours: 3 hrs

Prerequisite: ESSC 202 or department permission

Last Updated: Links 04/2011

ESSC 312 - Essentials of the Geosphere for Elementary Teachers

Investigation of plate tectonics; the dynamic processes that causes earthquakes, volcanoes, and mountain building; including earth materials and their relationships with other components of the earth system. Earth science principles and methods applicable to an elementary classroom using simple materials are stressed. Class activity includes simple hands-on demonstrations, and the application of the scientific method.

Credit Hours: 3 hrs

Prerequisite: ESSC 202

Last Updated: Links 04/2011

ESSC 315 - Water and the Environment for Elementary Teachers

This course, designed for elementary education majors, is an introductory through intermediate-level examination of earth science, emphasizing fresh water environments, supply and demand and their relationship to the depletion of natural resources. Students will receive hands-on training designed to directly engage K-6 pupils in the scientific method of investigation.

Credit Hours: 3 hrs

Prerequisite: ESSC 202

Last Updated: Links 04/2011

ESSC 320 - Oceanography

A study of the world's oceans, including coasts, waves, currents, tides, sediments, marine geology, properties of seawater, the energy balance, oceanographic research techniques and marine resources, stressing physical oceanography.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week; Lab: one two-hour period per week.

Prerequisite: ESSC 111

Last Updated: Links 04/2011

ESSC 324 - Weather

Introduction to the properties and processes that create weather, including an analysis of conditions aloft, the formation of storms, and methods and problems of weather forecasting.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: ESSC 212 and (MATH 105 or MATH 112 or MATH 119 or MATH 120)

Cross-Listed with: ESSC 562

Last Updated: Prerequisite and Concurrent Prerequisite Change 02/2012, effective Fall 2012; Links 04/2011

ESSC 325 - Geomorphology

A detailed study of surface features and the degradational, aggradational and structural processes by which they are formed. Worldwide examples are used extensively.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one three-hour period per week.

Prerequisite: ESSC 111

Last Updated: Links 04/2011

ESSC 326 - Structural Geology

Introduction to the terminology, geometry, kinematics and mechanics of rock deformation. Laboratory emphasizes geometric techniques of structural analysis.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one two-hour period per week.

Prerequisite: ESSC 111 and either MATH 107, MATH 112, MATH 120 or MATH 122

Last Updated: Links 04/2011

ESSC 327 - Soil Science

This course will introduce methods of soil description and classification, and discuss processes and products of weathering, processes of soil formation, and factors influencing soil formation from a geologic and geographic perspective. Through classroom and laboratory/field experiences students will learn practical applications of soils in geologic and environmental studies. Lecture: 3 hours per week. Lab: one 2 hour period per week.

Credit Hours: 4 hrs

Prerequisite: ESSC 110, and any of the following ESSC 111 or BIO 310 or ANTH 150

Last Updated: 6/29/2011

ESSC 329 - Igneous and Metamorphic Petrology

A study of the texture, chemistry, classification, origin and evolution of igneous and metamorphic rocks.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one two-hour period per week.

Prerequisite: ESSC 111 and ESSC 228

Last Updated: Links 04/2011

ESSC 330 - Sedimentology and Stratigraphy

The properties, description and classification of sedimentary rocks; processes and environments of sediment deposition; principles and techniques of stratigraphy. Field trips and reports required.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: four hours per week.

Prerequisite: ESSC 111 and ESSC 228

Last Updated: Links 04/2011

ESSC 331 - Paleontology

Origin and development of life on earth and the environments in which animal assemblages lived. Study of the principles involved in the interpretation of fossils. Systematic study of the features of the organisms most important in the fossil record.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week; laboratory: one two-hour period per week.

Prerequisite: ESSC 120, ESSC 111 or BIO 120

Last Updated: Links 04/2011

ESSC 347 - Methods for Teaching Secondary Earth Science

This class will introduce the student to the techniques of teaching laboratory-centered earth science, science content standards, hands-on activities, demos, laboratory organization and safety in the classroom, projects, assessments, writing in science, technology, and presentation skills. As a requirement for teacher certification, the preservice teacher should leave the class prepared to student teach in earth science, geology and physical geography.

Credit Hours: 3 hrs

Prerequisite: CURR 305 and ESSC 212; Admission to the College of Education and the Initial Teacher Preparation Program

Major Restrictions: Earth Science Secondary Teaching Major or Minor or Secondary Integrated Science Major students only

Notes: Not open to students on academic probation. Students majoring in Earth Science must take ESSC347;

students only have the choice of a methods class if they are an Integrated Science Major.

Last Updated: Links 04/2011

ESSC 350 - Biogeography

Analysis of the distribution, geologic setting and ecological function of inland freshwater lakes and Great Lakes coasts. Emphasis on sediment, vegetation, wildlife, waterfowl and fisheries resources.

Credit Hours: 3 hrs

Prerequisite: ESSC 110

Last Updated: Links 04/2011

ESSC 355 - Field Geology I

Theory and practice of precision mapping using tape, alidade, plane table and stadia rod in local area. With ESSC 356, satisfies the field requirement for major in geology. May include field study in a quarry.

Credit Hours: 2 hrs

Prerequisite: ESSC 326, ESSC 329 and ESSC 330

Last Updated: Links 04/2011

ESSC 356 - Field Geology II

Instruction and practice in pace-traverse mapping, measurement of stratigraphic sections and a mapping of areal geology and geologic structure. With ESSC 355, satisfies field requirement for geology major.

Credit Hours: 3 hrs

Prerequisite: ESSC 326, ESSC 329 and ESSC 330

Last Updated: Links 04/2011

ESSC 370 - Glacial and Quaternary Geology

The study of Quaternary glacial and non-glacial environments and deposits. Topics include glacial flow, melt-water production, glacial erosion and deposition, formation of landforms, causes of the ice ages, and environmental reconstructions. Weekend field trip and report required.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one three-hour period per week.

Prerequisite: ESSC 111

Previously Listed As: ESSC 370 - Glacial Geology

Last Updated: Change in Title and Course Description 06/2012, effective Winter 2013; Links 04/2011

ESSC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ESSC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ESSC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ESSC 387 - Cooperative Education in Geoscience

Four to six months of full-time employment at a firm or agency, chosen for imparting a practical educational experience in geoscience. A written report is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Graded on a credit/no-credit basis

ESSC 406 - The Nature of Science

This course examines the nature of scientific evidence, inquiry, hypothesis, models and laws. The development of science is put in the context of the structure and history of the scientific community. Interactions among scientists and between scientists and the rest of society are studied from an ethical perspective.

Credit Hours: 1 hr

Prerequisite: ESSC 110 and ESSC 111

Major Restrictions: Department permission required for Non-Earth Science Majors or Minors

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit in the Earth Science Education program only.

Cross-Listed with: BIO 406 and CHEM 406

Last Updated: Cross-Listed 09/2011; Graduate Credit 07/2011; Links 04/2011

ESSC 407 - Nature of Science for Elementary Teachers

This course examines the nature of scientific evidence, inquiry, hypotheses, models and laws. The development of science is put in the context of the structure of the discipline, its history, and interactions with society. Discussions of modern theories and laws will integrate scientific concepts with the processes of how science works. The class will also provide students with activities to demonstrate these concepts.

Credit Hours: 2 hrs

Prerequisite: ASTR 105, PHY 100, CHEM 101, ESSC 202, BIO 105, PHY 311, CHEM 312 and ESSC 311

Class Restrictions: Junior standing or above

Major Restrictions: Elementary Integrated Science Majors only

Cross-Listed with: BIOT 407, CHEM 407, PSCI 407

Last Updated: Links 04/2011

ESSC 414 - Teaching Science with Dinosaurs

This course provides pre- and in-service teachers with the content and skills necessary to use dinosaurs as a focus group to teach the scientific method (i.e., science) at the K-12 level. Students will receive hands-on training in numerous dinosaur-based activities designed to directly engage K-12 pupils in all aspects of the scientific method, including data collection, hypothesis formulation and hypothesis testing.

Credit Hours: 3 hrs

Prerequisite: ESSC 108, ESSC 110 or ESSC 202

Last Updated: Links 04/2011

ESSC 422 - Environmental Geochemistry

An introduction to the principles of geochemistry designed for upper-level science majors. Focus will be on interactions between the natural environment and anthropogenic activities as well as discussion of current research in various aspects of geochemistry.

Credit Hours: 3 hrs

Prerequisite: ESSC 110 and CHEM 123/CHEM 124 and (MATH 105 or MATH 107 or MATH 112 or MATH 119 or MATH 120 or MATH 122)

Class Restrictions: Junior standing or above

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 03/2011 effective Spring 2011

ESSC 424 - Climatology

An analysis of the world's climate types, including characteristics, classification, controls and their effects on world soils and natural vegetation.

Credit Hours: 3 hrs

Prerequisite: ESSC 324

Last Updated: Links 04/2011

ESSC 425W - Severe and Unusual Weather (Gen Ed Area I, W)

Analysis of cyclones, blizzards, thunderstorms, tornadoes, hurricanes and other catastrophic weather phenomena. Their environmental impact and prediction.

Credit Hours: 3 hrs

Prerequisite: ESSC 324

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 428 - Optical Mineralogy

A study of the optical properties of minerals and the use of the petrographic microscope to identify common minerals in thin section.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: ESSC 228

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 430 - Petroleum Geology

A study of the origin, migration and accumulation of petroleum; reservoir analysis, exploration and development techniques.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: ESSC 111 and any ESSC 300-level class or above

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 439 - Economic Geology

A study of the geochemical behavior of metallic elements; the origin, processes, controls and classification of ore deposits.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: ESSC 329

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 448 - Hydrogeology

Subsurface water occurrence, distribution, relationships to surface water and precipitation; subsurface flow, especially as related to well water production; tests of aquifers; well drilling and installation; ground water exploration and recharge; legal problems.

Credit Hours: 3 hrs

Prerequisite: ESSC 300 and either MATH 105 or MATH 107 or MATH 112 or MATH 120 or MATH 122

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 450 - Lake and Coastal Processes

Analysis of the geological and physical processes of North American coasts including the Great Lakes. WE will discuss the origin and distribution of coastal environments; past, current, future natural and anthropogenic modifications and related environmental issues; potential energy resources like waves, tides and currents.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one hour per week.

Prerequisite: ESSC 320 or ESSC 307

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: Lake and Coastal Management

Last Updated: Graduate Credit 07/2011; 06/2010 effective winter 2011

ESSC 459 - Aquifer Analysis

Study of the analysis of aquifer parameters and groundwater flow using analytical, numerical and statistical computer methods.

Credit Hours: 3 hrs

Prerequisite: ESSC 448

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 460 - Contaminant Hydrology

Study of hydrochemistry, pollution pathways and transport of contaminants.

Credit Hours: 3 hrs

Prerequisite: CHEM 121 and CHEM 122 and ESSC 448

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 466W - Global Tectonics (Gen Ed Area I, W)

A study of the tenets of plate tectonic theory, building on material from previous classes. Included is an investigation into the plate tectonic make-up and evolution of key aspects of the North American plate. This class is designed as a capstone course for upper-level Geology and Earth Science majors and graduate students. This class meets the requirements for a Writing Intensive course in the General Education Program.

Credit Hours: 3 hrs

Prerequisite: ESSC 111 and (ESSC 228 or ESSC 229) and (ESSC 300 or ESSC 320 or ESSC 324 or ESSC 325 or ESSC 326 or ESSC 329 or ESSC 330 or ESSC 370)

Class Restrictions: Junior standing

Last Updated: Links 04/2011

ESSC 470 - Quantitative Methods in Geography and Geology

Introduction to current techniques and methods applicable to geographic and geologic problems. An applied course emphasizing statistical analyses and computer applications.

Credit Hours: 3 hrs

Prerequisite: ESSC 110 and either MATH 104, MATH 105, MATH 107, MATH 112, MATH 120 or MATH 122

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

ESSC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ESSC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ESSC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ESSC 485 - Introduction to Remote Sensing

Introduction to remote sensing techniques and types of imagery, including multispectral, thermal and radar images. Emphasis on image enhancement and interpretation in regard to land-use planning and resource management.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

ESSC 487 - Cooperative Education in Geoscience

Four to six months of full-time employment at a firm or agency chosen for imparting a practical educational experience in geoscience. A written report is required at the end of the employment period. Graded on a credit/no-credit basis.

Credit Hours: 3 hrs

Prerequisite: department permission

ESSC 488 - Internship

Supervised internship in some aspect of geology, earth science or land use that is of mutual interest to the qualified student and the place the student will work. This experience is designed to integrate academic training with practical application.

Credit Hours: 4 hrs

Prerequisite: department permission

Notes: May be taken only once for credit.

ESSC 489 - Internship

Supervised internship in some aspect of geology, earth science or land use that is of mutual interest to the qualified student and the place the student will work. This experience is designed to integrate academic training with practical application.

Credit Hours: 5 hrs

Prerequisite: department permission

Notes: May be taken only once for credit.

ESSC 490 - Internship

Supervised internship in some aspect of geology, earth science or land use that is of mutual interest to the qualified student and the place the student will work. This experience is designed to integrate academic training with practical application.

Credit Hours: 6 hrs

Prerequisite: department permission

Notes: May be taken only once for credit.

ESSC 495 - Environmental Assessment and Planning

An examination of the program elements of environmental impact statements. Geobased data sources are explored and analyzed. Impact statements are prepared by the class and existing impact statements are evaluated.

Credit Hours: 3 hrs

Prerequisite: ESSC 110 or URP 215

Cross-Listed with: URP 495

Last Updated: Links 04/2011

ESSC 497 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

ESSC 498 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

ESSC 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Geography

GEOG 100 - Introduction to Geospatial Sciences and Technology

This course is an introduction to the geospatial sciences and popular geospatial technologies that are widely used for mapping and analyzing geographic patterns of human activities and natural phenomena. Students will be exposed to basic concepts, techniques and practical skills in Cartography, Global Positioning Systems (GPS), Geographic Information Systems, and Remote Sensing. No previous exposure to GIS or mapping is necessary for enrollment in this course.

Credit Hours: 3 hrs

Previously Listed As: GEOG 100 - Human Geosciences

Last Updated: Title and Course Description Change 04/2012, effective Fall 2012

GEOG 107 - Introduction to Geography (Gen Ed Area IV)

A survey of the major concepts and subfields in modern geography. Physical, cultural, economic, political and social geography are among the major areas explored.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

GEOG 107 Introduction to Geography

GEOG 107 *Introduction to Geography* addresses the five fundamental themes of geography: location, place, relationship within places, movement and regions. The course is intended as the first step in the development of lifelong geographic literacy and as an introduction to the social sciences.

GEOG 110 - World Regions (Gen Ed Area III)

Geographic evaluation of the human imprint on the world, focusing on how peoples of various societies have approached the problems of living in their natural environments and with each other. A requirement for both the major and minor in geography.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

GEOG110 World Regions

GEOG110 World Regions is designed to increase global awareness by systematically examining major world geographic regions and key places therein -- including absolute and relative locations, physical and human characteristics and interrelationships within the global community. The course explores how culture and experience influence people's perceptions and regions; encourages awareness and tolerance of other regional cultural realities; explores global patterns and networks of economic, political, and cultural interdependence; and illustrates how cooperation and conflict among people influence the division and control of Earth's surface; and illustrates balanced regional and global decision-making toward overall human development. The course emphasizes that virtually all geographic areas of the globe are increasingly interrelated in their effects upon one another. It emphasizes that to be a tolerant global citizen, one must be aware of the weak as well as the strong points of one's own cultural, political and economic realities in the context of global diversity. This course is intended as the first step in the development of lifelong geographic literacy as a requisite for global awareness.

Last Updated: Edited 02/2012

GEOG 111 - Regions and Resources

A comparative analysis of the economic resources of major regions of the world. The relationships among countries, corporations and multiple levels of technology are examined.

Credit Hours: 3 hrs

Prerequisite: GEOG 110

Last Updated: Links 04/2011

GEOG 112 - Introduction to Travel and Tourism

An introduction to the travel and tourism industry, including traditional and emerging careers; the ethical, behavioral and logistical aspects of the travel experience; traveler needs and motivations; futuristic travel directions; and travel-related organizations.

Credit Hours: 3 hrs

GEOG 113 - Foundations of Guest Service

Analysis of guest-host service concepts and interactions in the travel and tourism industry, emphasizing the requisite attitudes and role of the professional host. The course will improve student motivation and skills toward providing positive guest experiences.

Credit Hours: 3 hrs

GEOG 115 - Observing the Human Landscape

A geography course for students of any curriculum designed to enlighten travel experiences by developing observational awareness and perceptual appreciation of human landscapes and by enhancing sensitivity to the personality of places.

Credit Hours: 2 hrs

GEOG 150 - Sustainable Development (Gen Ed Area III)

This course will provide students with a comprehensive and broad-based introduction to the world of sustainability by exploring its origins, philosophy, proponents and detractors, and its wide-reaching applications according to the valuation system of the "triple bottom line", which takes into account environmental, economic, and social equity factors when providing a measure of success.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

GEOG 150 Sustainable Development

We live in a world today that shows us with ever-growing frequency that it is no longer an option for conscientious people to remain ignorant of the fact that all life on this planet is interconnected. From the heights of advanced technology to the ecosystems of underwater plant life, the actions of one entity affect many others and nowhere are these connections more evident than in the area of sustainability.

GEOG 150 - Sustainable Development satisfies the Global Awareness category of the General Education program. This course will provide students with an accessible and informative introduction to the world of sustainability as described through its philosophy and origins, its practitioners and naysayers, and through its many varied applications as both a field of study and an area for entrepreneurship. Students will be exposed to topics and themes that will form a complete introductory outline of sustainability; the study of the causes, effects, and remedies for the issues we face today as a global culture in relation to our environmental footprint and dwindling natural resources, our societal well-being and ability (and also willingness) to take care of the least among us, and our ability to prosper in the future and our failure to do so in the past as measured by the "triple bottom line" evaluation method. The "triple bottom line" benchmark for assessing the relative success of any of the decisions we make is one that takes into account not only the potential economic benefits or pitfalls, but also measures the environmental and social equity aspects of the equation. Students will also be encouraged to link sustainable principles and practices to their personal areas of interest, as sustainability can be practiced in some way in almost all disciplines.

Last Updated: General Education 03/2012, effective Fall 2012

GEOG 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GEOG 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GEOG 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GEOG 212 - Geography of Travel and Tourism

A review of the philosophy, historical development and geographical distribution of travel and tourism. The economic, social and environmental impacts of these activities; case studies illustrating their significance from all regions of the world.

Credit Hours: 3 hrs

GEOG 235 - Economic Geography

Systematic treatment of economic activities in select world locations. Areal factors included in the evaluation, production and distribution of goods and services.

Credit Hours: 3 hrs

GEOG 276 - Principles of Geographic Information Systems

Introduction to the concept of computer mapping. Accessing online sources of spatial data; creating digital maps and charts using online data sources; vector and raster data models, spatial data entry and editing; coordinate systems and methods of georeferencing digital maps; elementary database management and spatial analysis. (Required for GIS minors and Urban and Regional Planning majors. Also suggested for teachers who would like to incorporate digital mapping into their teaching. Appropriate for all other disciplines using spatial mapping.)

Credit Hours: 3 hrs

Prerequisite: (GEOG 107 or GEOG 110) and (ESSC 108 or ESSC 110)

Cross-Listed with: URP 276

Last Updated: Links 04/2011

GEOG 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GEOG 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GEOG 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GEOG 311 - History and Geography of the Modern World (NEW COURSE)

This course provides an interdisciplinary study of global history and geography from 1500 to the present. It addresses key issues in global history and geography (such as the Colombian exchange, colonialism, global war) across several different world regions.

Credit Hours: 3 hrs

Prerequisite: GEOG 110, HIST 110

Cross-Listed with: HIST 311

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

GEOG 313 - Geography of Michigan

Detailed analysis of the natural setting, population and settlement characteristics, industry, recreation and agriculture in the state.

Credit Hours: 2 hrs

Prerequisite: GEOG 110

Last Updated: Links 04/2011

GEOG 314W - Geography of Russia and Neighboring States (Gen Ed Area I, W)

A systematic and regional study of physical, cultural and economic factors in Russia and other states of the former Soviet Union. Distribution of natural resources, population and ethnic questions, environmental problems and political evolution will be emphasized.

Credit Hours: 3 hrs

Prerequisite: GEOG 110

Previously Listed As: GEOG 314

Last Updated: Gen Ed Approval 10/2011, effective Winter 2012; Links 04/2011

GEOG 315 - Travel and Tourism: The European Scene

Consideration of Europe as the most significant continent for modern tourism. Emphasis is on the natural, cultural and historical factors that form the foundation of this industry; and on the major economic, social and environmental impacts that can be

attributed to tourism.

Credit Hours: 3 hrs

Prerequisite: GEOG 112 and GEOG 212

Last Updated: Links 04/2011

GEOG 316 - History and Geography of Modern Europe

An interdisciplinary geographical-historical study of modern Europe with the geographical component emphasizing information of an urban, demographic, occupational and environmental nature and the historical component stressing major political, social and cultural developments. Must be taken concurrently with HIST 316.

Credit Hours: 3 hrs

Prerequisite: GEOG 110 and either HIST 101, HIST 102 or HIST 103

Last Updated: Links 04/2011

GEOG 317 - History and Geography of Spanish America

An interdisciplinary presentation of the history and geography of Spanish America with emphasis on political, cultural and socioeconomic forces from the conquest to the present. Similarities and differences within and among nations are stressed as are the special relationships that exist between the nations and the United States.

Credit Hours: 3 hrs

Prerequisite: GEOG 110 and one of HIST 101/HIST 102/HIST 103

Concurrent Prerequisite: HIST 317

Last Updated: Links 04/2011

GEOG 318 - Geography of Asia

A regional treatment of natural setting, distribution of the people, important occupations and problems of future development in each of several regions.

Credit Hours: 3 hrs

Prerequisite: GEOG 110

Last Updated: Links 04/2011

GEOG 319 - Geography of Europe

Systematic treatment of the natural setting, cultural patterns, economic activities and developmental problems of the continent; selected significant regions analyzed in detail.

Credit Hours: 3 hrs

Prerequisite: GEOG 110

Last Updated: Links 04/2011

GEOG 320 - Geography of the United States and Canada

A regional treatment of natural setting, distribution of the people, important occupations and problems of future development in each of several regions.

Credit Hours: 3 hrs

Prerequisite: GEOG 110
Last Updated: Links 04/2011

GEOG 321 - Geography of Latin America

A regional treatment of natural setting, distribution of the people, important occupations and problems of future development in each of several regions.

Credit Hours: 3 hrs
Prerequisite: GEOG 110
Last Updated: Links 04/2011

GEOG 322 - Geography of Africa

A human ecological treatment of the African continent, involving resource identification and use as well as the varied nature of evolving human landscapes.

Credit Hours: 3 hrs
Prerequisite: GEOG 110
Last Updated: Links 04/2011

GEOG 332 - Urban Geography

A study of geographic principles related to distribution, function, structure and regional setting of urban centers.

Credit Hours: 3 hrs
Prerequisite: GEOG 110
Last Updated: Links 04/2011

GEOG 333 - Settlement Geography

Cultural, functional and ecological factors underlying human settlement patterns.

Credit Hours: 3 hrs
Prerequisite: GEOG 110 or GEOG 115
Last Updated: Links 04/2011

GEOG 336 - Tourism and Socioeconomic Development

Socioeconomic impacts of tourism; national and international development strategies.

Credit Hours: 3 hrs
Prerequisite: GEOG 112 or GEOG 212
Last Updated: Links 04/2011

GEOG 345 - Geography of Resorts

Historical and systematic study of resorting and the resort as a functionally specialized settlement type; major resort areas of the world.

Credit Hours: 2 hrs

Prerequisite: GEOG 110 and GEOG 212

Last Updated: Links 04/2011

GEOG 348 - Teaching Social Studies in Elementary Schools

Survey of the social studies and evaluation of methods commonly used in the teaching of social studies in the elementary grades, with special emphasis on inquiry. Types of activities most effective in the presentation of materials and the use of visual aids are featured. A study of maps and globes, controversial issues, social values, environmental education, consumer education, global education and ethnic groups is included.

Credit Hours: 3 hrs

Prerequisite: one course in geography

Notes: Not open to students on academic probation.

GEOG 360 - Cultural Geography

Human landscape patterns; emphasis upon the processes concerned with their origins, locations and persistence.

Credit Hours: 3 hrs

Prerequisite: GEOG 110

Last Updated: Links 04/2011

GEOG 361 - Geography of Population

An analytical study of population characteristics and growth, world patterns of fertility, mortality and migration. Major attention is given to human population problems, including ecology, resources depletion and impacts of urbanization.

Credit Hours: 3 hrs

Prerequisite: GEOG 110

Last Updated: Links 04/2011

GEOG 376 - Spatial Analysis

Intermediate concepts and techniques in vector and raster GIS. Topics include thematic mapping, exploratory spatial data analysis, use of inferential statistics in GIS, point pattern analysis, regression modeling in GIS, modeling environmental and human geographic processes, surface interpolation and terrain analysis, map algebra, and network analysis.

Credit Hours: 3 hrs

Prerequisite: GEOG 276 or URP 276

Previously Listed As: GEOG 376 - Geographic Information Systems Analysis

Last Updated: Title and Course Description Change 02/2012, effective Fall 2012; Links 04/2011

GEOG 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GEOG 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GEOG 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GEOG 387 - Cooperative Education in Geography

Four to six months of full-time employment at a firm or agency, chosen for imparting a practical educational experience in geography. The program consists of two work experiences (GEOG387/487) alternating with full-time University attendance. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Completion of Sophomore year

Major Restrictions: Geography Majors only

Notes: Graded on a credit/no-credit basis.

GEOG 405 - Aerial Photo Interpretation

Analysis of black and white and color infrared photographs for land use planning, environmental assessment, geology and resource management. Weekly lab exercises. Optional field trip.

Credit Hours: 3 hrs

Prerequisite: GEOG 276 or URP 276

Notes: Not open to students with credit in ESSC 575.

Last Updated: Links 04/2011

GEOG 441 - Transportation Geography and Planning

Explores the evolution of transportation in American society, with special attention paid to the impact of railroads, the automobile and the airline industry. Topics include an introduction to techniques for modeling transportation system demand.

Credit Hours: 3 hrs

Prerequisite: GEOG 235, GEOG 212 or URP 215

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GEOG 445 - Cultural Tourism Resources

Survey of the relationships between cultural heritage resources and tourism. The tourism potentials of cultural centers and museums, archeological sites, folk crafts and foodways, regional cultural mannerisms, ethnic landscapes, architecturally significant buildings, historic cities and towns, and other types of historic landscapes will be covered.

Credit Hours: 3 hrs

Prerequisite: GEOG 212 or GEOG 336

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GEOG 446 - Heritage Interpretation and Tourism

Evolution of the private sector tour-guiding and the public sector heritage interpretation concepts. Practice in the application of interpretive technique to cultural and natural tourism resources. Strategies for the integrative use of interpretive methods, including tours, demonstrations, talks, person-to-person experiences, publications, exhibits, signage and audiovisuals.

Credit Hours: 3 hrs

Prerequisite: GEOG 445

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GEOG 476 - Geodatabases and GIS Client Applications

This course introduces students to current technologies used to develop and manage geodatabases. Emphasis is on the conceptual, logical and physical design aspects of geodatabases; managing personal and enterprise geodatabases; and desktop and web mapping clients that utilize geodatabases.

Credit Hours: 3 hrs

Prerequisite: GEOG 376

Previously Listed As: GEOG 476 - Advanced Geographic Information Systems

Last Updated: Title and Course Description Change 02/2012, effective Fall 2012; Links 04/2011

GEOG 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

GEOG 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

GEOG 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

GEOG 480 - Geographic Information Systems Projects

A study of different ways in which GIS is being used to resolve problems in the public and private sectors and in academia. Emphasis is on how GIS technology is being used in areas such as facility management, natural resource management, urban planning, environmental modeling, historical preservation, geology, health planning, etc. By working on a number of small, but realistic, projects students learn how to conceptualize GIS solutions to problems and how to professionally implement GIS projects.

Credit Hours: 3 hrs

Prerequisite: GEOG 376

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

GEOG 487 - Cooperative Education in Geography

Four to six months of full-time employment at a firm or agency chosen for imparting a practical educational experience in geography. The program consists of two work experiences (GEOG 387/GEOG 487) alternating with full-time attendance at the University. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Prerequisite: GEOG 387; Admittance by application only

Class Restrictions: Completion of Junior year

Major Restrictions: Geography Major

Notes: Graded on a credit/no-credit basis

Last Updated: Links 04/2011

GEOG 488 - Internship

Supervised internship in some aspect of geography that is of mutual interest to the qualified student and the place the student will work. Designed to integrate academic training with practical application.

Credit Hours: 4 hrs

Prerequisite: department permission and placement

Notes: May be taken only once for credit.

GEOG 489 - Internship

Supervised internship in some aspect of geography that is of mutual interest to the qualified student and the place the student will work. Designed to integrate academic training with practical application

Credit Hours: 5 hrs

Prerequisite: department permission and placement

Notes: May be taken only once for credit.

GEOG 490 - Internship

Supervised internship in some aspect of geography that is of mutual interest to the qualified student and the place the student will work. Designed to integrate academic training with practical application

Credit Hours: 6 hrs

Prerequisite: department permission and placement

Notes: May be taken only once for credit.

GEOG 497 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

GEOG 498 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

GEOG 499 - Independent Study

Advanced study on individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

GEOG 513 - South American Lands

A regional study of the countries of South America; resources, people and national cultures are stressed.

Credit Hours: 2 hrs

Prerequisite: GEOG 321 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

GEOG 518 - Problems of Sub-Saharan Africa

Individual research in selected problems in the geography of Sub-Saharan Africa.

Credit Hours: 2 hrs

Prerequisite: GEOG 322 or equivalent

Last Updated: Links 04/2011

Historic Preservation

GHPR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GHPR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GHPR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GHPR 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GHPR 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GHPR 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GHPR 335 - Historic Preservation

Introduction to general concepts and goals of historic preservation. The built environment as a cultural heritage resource; objectives of cultural surveys and inventories; methods of preservation, conservation, planning and interpretation.

Credit Hours: 3 hrs

Prerequisite: GEOG 115

Last Updated: Links 04/2011

GHPR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GHPR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GHPR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GHPR 387 - Cooperative Education in Historic Preservation

Four to six months of full-time employment at a firm or agency, chosen for imparting a practical educational experience in historic preservation, historic administration or heritage interpretation. The program consists of two work experiences (GHPR 387/GHPR 487) alternating with full-time University attendance. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Completion of Sophomore year

Major Restrictions: Historic Preservation or related Minor

Notes: Graded on a credit/no-credit basis

Last Updated: Links 06/2011

GHPR 401 - Planning/ Preservation Graphics

A lecture-laboratory course in graphics techniques of mapmaking, topographic analysis, communication of data and presentation. Media explored will include pen and ink, colored pencil and markers, and digital photography.

Credit Hours: 3 hrs
Prerequisite: URP 215
Cross-Listed with: URP 401
Last Updated: Links 04/2011

GHPR 436 - Historic Preservation Field Project

Specially arranged, supervised field experiences and application of theoretical viewpoints to field problems in historic preservation.

Credit Hours: 3 hrs
Prerequisite: department permission

GHPR 437 - Historic Preservation Field Project

Specially arranged, supervised field experiences and application of theoretical viewpoints to field problems in historic preservation.

Credit Hours: 6 hrs
Prerequisite: department permission

GHPR 475 - Architectural Nomenclature

The language and terms of architecture are the focus of this course. The history and development of architectural terminology from the Old World to America will be covered in the first half and the application of same to follow.

Credit Hours: 2 hrs
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Graduate Credit 07/2011

GHPR 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

GHPR 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission

GHPR 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

GHPR 487 - Cooperative Education in Historic Preservation

Four to six months of full-time employment at a firm or agency, chosen for imparting a practical educational experience in historic preservation, historic administration or heritage interpretation. The program consists of two work experiences (GHPR 387/GHPR 487) alternating with full-time attendance at the University. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Class Restrictions: Completion of Junior year

Major Restrictions: Historic Preservation or related Minor

Notes: Graded on a credit/no-credit basis

Last Updated: Links 06/2011

GHPR 488 - Internship

Supervised internship in some aspect of historic preservation, historic administration or heritage interpretation that is of mutual interest to the qualified student and the place the student will work. This experience is designed to integrate academic training with practical application

Credit Hours: 4 hrs

Prerequisite: department permission and placement

Notes: May be taken only once for credit.

GHPR 489 - Internship

Supervised internship in some aspect of historic preservation, historic administration or heritage interpretation that is of mutual interest to the qualified student and the place the student will work. This experience is designed to integrate academic training with practical application.

Credit Hours: 5 hrs

Prerequisite: department permission and placement

Notes: May be taken only once for credit.

GHPR 490 - Internship

Supervised internship in some aspect of historic preservation, historic administration or heritage interpretation that is of mutual interest to the qualified.

Credit Hours: 6 hrs

Prerequisite: department permission and placement

Notes: May be taken only once for credit.

GHPR 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hr

Prerequisite: department permission

GHPR 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs

Prerequisite: department permission

GHPR 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Urban and Regional Planning

GPLN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

GPLN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

GPLN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

GPLN 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

GPLN 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

GPLN 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

GPLN 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

GPLN 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

GPLN 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

GPLN 387 - Cooperative Education

Four to six months of full-time employment at a firm or agency, chosen for imparting a practical educational experience in urban and regional planning. The program consists of two work experiences alternated with full-time University attendance. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Completion of Sophomore year

Major Restrictions: Urban and Regional Planning Major

Cross-Listed with: GPLN 487

Notes: Offered on a credit/no-credit basis

Last Updated: Links 04/2011

GPLN 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GPLN 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

GPLN 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

GPLN 487 - Cooperative Education

Four to six months of full-time employment at a firm or agency, chosen for imparting a practical educational experience in urban and regional planning. The program consists of two work experiences alternated with full-time University attendance. A written report is required at the end of each employment period.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Completion of Sophomore year

Major Restrictions: Urban and Regional Planning Major

Cross-Listed with: GPLN 387

Notes: Offered on a credit/no-credit basis

Last Updated: Links 04/2011

GPLN 488 - Internship

Supervised internship in some aspects of urban and regional planning that is of mutual interest to the qualified student and the place the student will work. Designed to integrate academic training with practical application.

<http://www.emich.edu/public/geo/plng.frameset.html>

Credit Hours: 4 hrs

Prerequisite: department permission

Class Restrictions: Sophomore standing

GPLN 489 - Internship

Supervised internship in some aspects of urban and regional planning that is of mutual interest to the qualified student and the place the student will work. Designed to integrate academic training with practical application.

<http://www.emich.edu/public/geo/plng.frameset.html>

Credit Hours: 5 hrs

Prerequisite: department permission
Class Restrictions: Sophomore standing

GPLN 490 - Internship

Supervised internship in some aspects of urban and regional planning that is of mutual interest to the qualified student and the place the student will work. Designed to integrate academic training with practical application.
<http://www.emich.edu/public/geo/plng.frameset.html>

Credit Hours: 6 hrs
Prerequisite: department permission
Class Restrictions: Sophomore standing

GPLN 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 1 hrs
Prerequisite: department permission
Class Restrictions: Sophomore standing

GPLN 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 2 hrs
Prerequisite: department permission
Class Restrictions: Sophomore standing

GPLN 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Normally restricted to proficient students in the senior year under the general conditions prescribed for honors courses.

Credit Hours: 3 hrs
Prerequisite: department permission
Class Restrictions: Sophomore standing

URP 115 - The American City (Gen Ed Area IV)

This course includes a systematic study of cities as incubators of change, how cities are planned and grow, and their social and political structures. Students will gain an understanding of how cities impact their lives by studying topics such as suburbanization, transportation and land use, and urban lifestyles.

Credit Hours: 3 hrs
Previously Listed As: GPLN 115

Area IV: Knowledge of the Disciplines

URP 115 The American City [was GPLN 115]

The course provides an introduction to a variety of social science methods and ways of studying the complex relationships that exist between American cities and suburbs, and the people that inhabit them. Students in this course will explore how the urban experience has transformed the American landscape in recent years, and how our changing understandings of the issues of urban racial and ethnic identities, social class structures, and personal lifestyles have helped to reshape what the American city is in the 21st century. Students will gain an appreciation of various theoretical perspectives that have provided insights on how the city is both physically and socially structured. Sources of information about cities will also be discussed, and students will gain a fundamental understanding of how the various social sciences develop and utilize data in understanding urban phenomena.

Last Updated: Course Prefix Change 03/2012, effective Fall 2012

URP 215 - Introduction to Urban and Regional Planning

An introduction to community planning at local and regional levels, including an overview of issues and techniques for land use planning. Topics include purpose of community plans, housing and community development, environmental planning, transportation, historic preservation, economic development, and urban design. Included is discussion of planning as a career.

Credit Hours: 3 hrs

Previously Listed As: GPLN 215

Last Updated: Course Prefix and Class Restriction Change 03/2012, effective Fall 2012

URP 216 - Readings in Urban Planning

A lecture/seminar course in which students read and discuss classic readings in urban planning. This course serves as an introduction to important writers and topics in the field.

Credit Hours: 2 hrs

Class Restrictions: Sophomore standing

Previously Listed As: GPLN 216 **Course Revisions:**

Course Revisions: This course will have a class restriction change from "Sophomore standing" to "none," effective Winter 2013.

Last Updated: Course Description and Class Restriction Change 05/2012, effective Winter 2013; Course Prefix Change 03/2012

URP 276 - Principles of Geographic Information Systems

Introduction to the concept of computer mapping. Accessing online sources of spatial data; creating digital maps and charts using online data sources; vector and raster data models, spatial data entry and editing; coordinate systems and methods of georeferencing digital maps; elementary database management and spatial analysis. (Required for GIS minors and Urban and Regional Planning majors. Also suggested for teachers who would like to incorporate digital mapping into their teaching. Appropriate for all other disciplines using spatial mapping.)

Credit Hours: 3 hrs

Prerequisite: GEOG 107, GEOG 110, ESSC 108 or ESSC 110

Cross-Listed with: GEOG 276

Previously Listed As: GPLN 276

Last Updated: Course Prefix Change 03/2012, effective Fall 2012; Links 04/2011

URP 306 - Comprehensive Planning and Zoning

A course studying issues of comprehensive planning, zoning and land-use regulation. Topics include preparation of a general development plan, current and recent zoning issues, land use legislation and the drafting and use of state and local zoning ordinances. A base course for Urban and Regional Planning students as well as a valuable perspective to anyone interested in rural, urban or regional development issues.

Credit Hours: 3 hrs

Prerequisite: URP 215

Previously Listed As: GPLN 306

Last Updated: Course Prefix Change 03/2012, effective Fall 2012; Links 04/2011

URP 401 - Planning/Preservation Graphics

A lecture-laboratory course in graphics techniques of mapmaking, topographic analysis, communication of data, and presentation. Media explored will include pen and ink, colored pencil and markers, and digital photography.

Credit Hours: 3 hrs

Prerequisite: URP 215

Cross-Listed with: GHPR 401

Previously Listed As: GPLN 401

Last Updated: Course Prefix Change 03/2012, effective Fall 2012; Links 04/2011

URP 409 - Professional Practice for Planners

Presentation and discussion of topics relating to professional practice in planning and related areas. Readings, case studies, simulations, and guest speakers are used to expose students to professional activities, including public hearings, dealing with community controversies, and professional-level communication techniques. Topics also deal with issues of professional ethics, job searching, and certification.

Credit Hours: 2 hrs

Prerequisite: URP 306 and URP 415W

Previously Listed As: GPLN 409 **Course Revisions:**

Course Revisions: This course will have a prerequisite change from "URP 215" to "URP 306 and URP 415W," effective Winter 2013. The revision also includes a course description change, a corequisite change from "URP 410L" to "none," and class restriction change from "Senior standing" to "none."

Last Updated: Description, Prerequisite, Corequisite and Restriction Change 10/2012, effective Winter 2013; Course Prefix Change 03/2012; Links 04/2011

URP 410L - Site Planning Studio (Gen Ed Area V LBC)

A studio course in urban planning, gives hands-on experience in developing a site plan. Using an actual site and client, a project will be taken through the various stages of plan development. Activities include program analysis, data collection, development of alternative solutions, and selection and presentation of a final site plan.

Credit Hours: 4 hrs

Prerequisite: URP 215 and URP 306

Class Restrictions: Senior standing

Previously Listed As: GPLN 410L

Last Updated: Course Prefix Change 03/2012, effective Fall 2012

URP 415W - Methods of Planning Analysis (Gen Ed Area I, W)

This course will help students navigate through an urban planning research project from start to finish. Students learn the basics of research design, engage actively in gathering data using several data collection techniques, develop analytical skills to interpret the collected data, and learn to communicate results graphically, orally and in writing.

Credit Hours: 3 hrs

Prerequisite: URP 215, URP 276 and URP 306

Concurrent Prerequisite: URP 401

Class Restrictions: Sophomore standing

Previously Listed As: GPLN 415W

Rationale: Learning to communicate clearly and succinctly in written form and in a variety of styles is an important component of a professional planner's job. While courses in composition can provide you with the basics of writing, this class will teach you to write to a particular audience. Urban planners communicate information in a variety of ways: books, journal articles, refereed conference papers, reports, grant proposals, grant reviews, book reviews, plan reviews, plans, ordinances, memos, public announcements and flyers. While we will not be able to address these all within this course, you will be challenged with a number of these different methods of communication so that you can begin to develop an understanding of the conventions in the field. In this course, you will learn to not only formulate different types of research projects but also to present the results of your research in several ways that are accepted in the field: basic memo writing; persuasive writing; report writing, creative writing; and grant writing. In other words, this course will train you for your everyday job as a planner who creates flyers, writes professional memos, writes planning reports, and pursues grants. You will do this by accessing several data sources including city and county planning data; plans and ordinances; census data; GIS data; and academic literature. While you will also learn to present your ideas verbally, the primary emphasis will be on written communication.

Last Updated: Course Prefix Change 03/2012, effective Fall 2012

URP 435 - History of Urban Form and Function

Historically important periods of urban planning are analyzed in select cities throughout the world and in the United States. Comparisons are made between city plans from other cultures and our own.

Credit Hours: 3 hrs

Prerequisite: URP 215 and URP 216

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Notes: GEOG 332 is recommended.

Previously Listed As: GPLN 435

Last Updated: Course Prefix Change 03/2012, effective Fall 2012; Graduate Credit 07/2011; Links 04/2011

URP 452 - Infrastructure Planning and Policy (NEW COURSE)

This course gives students an understanding of the major urban and rural infrastructures systems, as well as the role capital budgeting plays in the financing of these systems. Students should be able to recognize and quantify municipal infrastructure needs and understanding the planner's role in the provision of these services.

Credit Hours: 3 hrs

Prerequisite: URP 215

Equivalent Courses: URP 552

Last Updated: New Course, 11/2012, effective Winter 2013

URP 456 - Zoning and Land Development Regulation (NEW COURSE)

A seminar course exploring zoning, subdivision, and other regulatory tools used in the planning profession to direct and control land development in urban, suburban, and rural areas. Course includes discussion of associated constitutional and legal issues surrounding property development, as well as alternatives to typical zoning regulation.

Credit Hours: 2 hrs

Prerequisite: URP 215 and URP 306, or permission of instructor

Concurrent Prerequisite: URP 306

Class Restrictions: Sophomore, Junior, and Senior

Last Updated: New Course, 11/2012, effective Winter 2013

URP 459 - Planning/Preservation Studio (NEW COURSE)

An interdisciplinary planning and preservation studio in which student teams analyze a neighborhood, development area, or street corridor in a local community. Students collect and analyze data, created future development proposals, and present their proposals at a public meeting.

Credit Hours: 3 hrs

Prerequisite: URP 215 or instructor permission

Concurrent Prerequisite: URP 306

Class Restrictions: Sophomore standing or above

Equivalent Courses: URP 559 Planning/Preservation Studio

Last Updated: New Course 11/2012; effective Winter 2013

URP 460 - Transportation Modeling Systems

This course provides skills necessary for being an effective transportation planner. It introduces students to the most common modeling software through lectures and exercises. Combined with other courses in the Undergraduate Certificate in Transportation Planning, it enhances their career choices in the field of transportation planning and engineering.

Credit Hours: 3 hrs

Prerequisite: GEOG 441 and URP 276

Equivalent Courses: URP 560

Last Updated: New Course, 11/2012, effective Winter 2013

URP 495 - Environmental Assessment and Planning

An examination of the program elements of environmental impact statements. Geo-based data sources are explored and analyzed. Impact statements are prepared by the class, and existing impact statements are evaluated.

Credit Hours: 3 hrs

Prerequisite: URP 215 or URP 276

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: ESSC 495

Previously Listed As: GPLN 495

Last Updated: Course Prefix Change 03/2012, effective Fall 2012; Graduate Credit 07/2011; Links 04/2011

URP 505 - Seminar in Methods and Research

Basic research design and techniques applicable to Geography, Planning, and Geographic Information Systems students. Course work includes location and identification of source materials, statement and analysis of problems, and preparation of results of research.

Credit Hours: 2

Class Restrictions: Senior Standing Only

Last Updated: New Course 5/2012, effective Winter 2013

History and Philosophy Programs and Courses

History and Philosophy

Major

History Major

Through the study of history, students gain an understanding of the past as well as several widely transferable skills. History majors learn how to think critically and to write clearly. Students also learn how to conduct research, interpret sources, and create compelling arguments and intriguing narratives. Students of history also bring a historical and cross-cultural perspective to discussions of current affairs and can participate in public life as an informed, thoughtful, and articulate citizen and leader.

Majors in History take a class in historical research and writing and at least one upper-level course in the history of each of the following: the United States and Canada; Europe; and Africa, Asia, and Latin America. Beyond these basic requirements, the program allows students freedom to design a course of study focused on their own interests.

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke

Email: rduke@emich.edu

Program Adviser: James Egge

Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Required Courses: 12 hours

- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs

One course from the following:

- HIST 101 - Western Civilization to 1648 (Gen Ed Area IV) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV) 3 hrs
- HIST 103 - 20th-Century Civilization (Gen Ed Area III) 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs

One course from the following:

- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs

An additional course to complete one of the following sequences:

- HIST 101 - Western Civilization to 1648 (Gen Ed Area IV) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV) 3 hrs

- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs

- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs

Restricted Elective Courses: 15 hours

Six credit hours of history courses 300-level or above in two of the following areas and three hours in the remaining area.

- A. United States and Canada
- B. Europe (includes Russia and ancient Greece and Rome)
- C. Africa, Asia, Latin America (includes Middle East and ancient Near East)

One of these courses must be designated as emphasizing "Historical Writing" (HW).

Elective Courses: 3 hours

HIST 481 - The Teaching of Social Studies may not be counted toward the major.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Philosophy Major

The Philosophy major provides basic knowledge in the general field of philosophy and strikes a balance between topical philosophical groups. The program supplements those in many other disciplines, such as teaching, literature, the performing arts and the sciences. A philosophy major also prepares students for graduate work in philosophy, law, theology, literature, political science and other related liberal arts subjects. It is a nonteaching major.

The Philosophy major consists of 33 credit hours, 24 of which must be at the 200 level or above. Majors must satisfactorily complete at least one course in each of the following five core areas, with a minimum of twelve credit hours at the 300 or 400 level.

History and Philosophy Department Information:

Department Head: Richard F. Nation
Department Contact: richard.nation@emich.edu
Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Jill Dieterle
Email: jdieterle@emich.edu
Phone: 734.487.1018

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 33 hours

Students must select a minimum of three hours from each of the five core areas:

I. Logic and Reasoning: 3-9 hours

At least one course from the following:

- * PHIL 120 - Introduction to Critical Reasoning (Gen Ed Area IV) 3 hrs
- * PHIL 130 - Introduction to Logic 3 hrs
- PHIL 181 - Logic and Model Theory (Gen Ed Area III) 3 hrs
- PHIL 281 - Symbolic Logic 3 hrs

II. History of Philosophy: 3-9 hours

At least one course from the following:

- PHIL 330W - History of Philosophy: Ancient (Gen Ed Area I, W) 3 hrs
- PHIL 331W - History of Philosophy: Modern (Gen Ed Area I, W) 3 hrs
- PHIL 332W - History of Philosophy: 19th Century (Gen Ed Area I, W) 3 hrs

III. Values: 3-24 hours

At least one course from the following:

- PHIL 212 - Philosophy of Art (Gen Ed Area IV) 3 hrs
- PHIL 220 - Ethics (Gen Ed Area IV) 3 hrs
- PHIL 221 - Business Ethics (Gen Ed Area IV) 3 hrs
- PHIL 223 - Medical Ethics (Gen Ed Area IV) 3 hrs
- PHIL 224 - Ethics and Food (Gen Ed Area IV) 3 hrs
- PHIL 225 - Political Philosophy (Gen Ed Area IV) 3 hrs
- PHIL 229 - Environmental Ethics (Gen Ed Area IV) 3 hrs
- PHIL 260 - Existentialism (Gen Ed Area IV) 3 hrs
- PHIL 310W - Aesthetics (Gen Ed Area I, W) 3 hrs
- PHIL 355W - Philosophy of Law (Gen Ed Area I, W) 3 hrs
- PHIL 370W - Philosophy and Narrative (Gen Ed Area I, W) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- PHIL 470W - Twentieth Century European Philosophy (Gen Ed Area I, W) 3 hrs

IV. Epistemology and Metaphysics: 3-27 hours

At least one course from the following:

- PHIL 215 - Philosophy of Religion (Gen Ed Area IV) 3 hrs
- PHIL 325W - Theory of Knowledge (Gen Ed Area I, W) 3 hrs
- PHIL 375W - Metaphysics (Gen Ed Area I, W) 3 hrs
- PHIL 480W - Philosophy of Science (Gen Ed Area I, W) 3 hrs
- PHIL 390W - Phenomenology (Gen Ed Area I, W) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- PHIL 442W - Philosophy of Mind (Gen Ed Area I, W) 3 hrs
- PHIL 460W - Philosophy of Language (Gen Ed Area I, W) 3 hrs
- PHIL 471W - Early Analytic Philosophy (Gen Ed Area I, W) 3 hrs
- PHIL 475W - Philosophy of Mathematics (Gen Ed Area I, W) 3 hrs

V. Eastern/Global: 3-9 hours

At least one course from the following:

- PHIL 226 - Feminist Theory (Gen Ed Area III, IV) 3 hrs
- PHIL 228 - Global Ethics (Gen Ed Area III, IV) 3 hrs
- PHIL 291 - Introduction to Asian Philosophy (Gen Ed Area III) 3 hrs
- PHIL 391W - Early Chinese Philosophy (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 18 hours

Philosophy 100 - 499 if not already taken to complete the required 33 hours.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Only one of PHIL 100 - Introduction to Philosophy or PHIL 110 - Philosophies of Life may be counted toward the major.

** Only one of PHIL 120 - Introduction to Critical Reasoning or PHIL 130 - Introduction to Logic may be counted toward the major.*

*** This course satisfies either area III or IV, depending on its specific content. It may only be used to satisfy one area requirement.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education History Major

PROGRAM WILL BE PHASED OUT: EFFECTIVE FALL 2012

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in history, certification code CC and, depending on the minor selected, endorsement in geography (CB), political science (CD) or economics (CA). This program of study meets all requirements of the National Council for the Social Studies. The Michigan Test for Teacher Certification (MTTC) covering this field is #009, "History."

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
Email: rduke@emich.edu

Program Adviser: James Egge
Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 33-36 hours

Required Courses: 21-24 hours

- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs

One course from the following:

- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs

One course from the following:

See History adviser for more options.

- ECON 375 - Economic History of the United States 3 hrs
- HIST 471 - Social and Intellectual History of 19th-Century Europe 3 hrs

One option from the following:

Option I:

- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs

Option II:

- HIST 101 - Western Civilization to 1648 (Gen Ed Area IV) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV) 3 hrs
- HIST 103 - 20th-Century Civilization (Gen Ed Area III) 3 hrs

Elective Courses: 12 hours

Six hours of history courses 300-level or above in one of the following areas and three hours in each of the remaining areas:

- A. United States and Canada
- B. Europe (includes Russia and ancient Greece and Rome)
- C. Africa, Asia and Latin America (includes Middle East and ancient Near East)

For a current list of classes that count for each area, consult the History Section website or a History undergraduate adviser.

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

History Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Select from geography, political science or economics.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education History/Geography Comprehensive Major

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 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
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7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Required Courses: 45 hours

These courses form a single integrated program of study and cannot be taken separately in any way.

- ECON 375 - Economic History of the United States 3 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs

- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- OR**
- GEOG 276 - Principles of Geographic Information Systems 3 hrs

- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 360 - Cultural Geography 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs

- HIST 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
- OR**

- GEOG 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- **OR**
- PLSC 113 - American Government Honors (Gen Ed Area IV) 3 hrs

History/Geography Electives: 12-13 hours

- One Geography (GEOG) or Earth System Science (ESSC) course at 300-level and above.
- Three upper-level History (HIST) courses (3 credits each, 300-level and above): one in United States or Canada (Area A), one in Europe (Area B), and one in Africa, Asia or Latin America (Area C).

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

History/Geography Comprehensive Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Social Studies /Economics Comprehensive Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in social studies, certification code RX. This program of study meets all requirements of the National Council for the Social Studies. The Michigan Test for Teacher Certification (MTTC) covering this field is #084, "Social Studies;" this course of study will also lead to an endorsement in economics (CA) MTTC #007.

History and Philosophy Department Information:

Department Head: Richard F. Nation
Department Contact: richard.nation@emich.edu
Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
Email: rduke@emich.edu

Program Adviser: James Egge
Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:

1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 69 hours

Core Courses: 69 hours

- ECON 103L - Economics for Living (Gen Ed Area V LBC) 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ECON 340 - Money and Banking 3 hrs
- ECON 350 - Government Finance 3 hrs
- ECON 375 - Economic History of the United States 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs

- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs
- HIST 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
OR
- GEOG 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Social Studies/Economics Comprehensive Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

MTTC Subject Area Test

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Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Social Studies /Geography Comprehensive Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in social studies, certification code RX. This program of study meets all requirements of the National Council for the Social Studies. The Michigan Test for Teacher Certification (MTTC) covering this field is #084, "Social Studies;" this course of study will also lead to an endorsement in geography (CB) MTTC #008.

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

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Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 62 hours

Core Courses: 62 hours

- One Geography (GEOG) elective at 300-level or above (3 hrs)
- ECON 103L - Economics for Living (Gen Ed Area V LBC) 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- GEOG 360 - Cultural Geography 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs
- HIST 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
- **OR**
- GEOG 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
- HIST 416 - American Environmental History 3 hrs

- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
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- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
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- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

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Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Social Studies /History Comprehensive Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in social studies, certification code RX. This program of study meets all requirements of the National Council for the Social Studies. The Michigan Test for Teacher Certification (MTTC) covering this field is #084, "Social Studies;" this course of study will also lead to an endorsement in history (CC) MTTC #009.

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Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 63 hours

Core Courses: 54 hours

- ECON 103L - Economics for Living (Gen Ed Area V LBC) 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs

- HIST 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs
- OR**
- GEOG 311 - History and Geography of the Modern World (NEW COURSE) 3 hrs

- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Restricted Elective Courses: 9 hours

Nine credit hours of history courses 300-level or above, three hours in each of the following areas.

- A. United States and Canada
- B. Europe (includes Russia and ancient Greece and Rome)
- C. Africa, Asia, Latin America (includes Middle East and ancient Near East)

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Social Studies/History Comprehensive Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs

This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Social Studies /Political Science Comprehensive Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in social studies, certification code RX. This program of study meets all requirements of the National Council for the Social Studies. The Michigan Test for Teacher Certification (MTTC) covering this field is #084, "Social Studies;" this course of study will also lead to an endorsement in political science (CD) MTTC #010.

History and Philosophy Department Information:

Department Head: Richard F. Nation
 Department Contact: richard.nation@emich.edu
 Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
 Email: rduke@emich.edu

Program Adviser: James Egge
 Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 69 hours

Core Courses: 57 hours

- ECON 103L - Economics for Living (Gen Ed Area V LBC) 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs

- GEOG 316 - History and Geography of Modern Europe 3 hrs
- **OR**
- HIST 316 - History and Geography of Modern Europe 3 hrs

- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs
- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Restricted Elective Courses: 12 hours

Students must choose four courses from two of the three following groups:

I. American Politics, Public Law and Administration:

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 301 - American Legal System 3 hrs

- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs

- PLSC 314 - Civil Mock Trial and Legal Process 3 hrs
- **OR**
- PLSC 316 - Criminal Mock Trial and Legal Process 3 hrs

- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 335 - Labor in American Politics 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 357 - Campaigns and Elections 3 hrs
- PLSC 358 - Political Parties and Interest Groups 3 hrs
- PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W) 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 386 - U.S. Supreme Court Simulation 3 hrs
- WGST 243 - Black Women: Politics and Racism 3 hrs

II. Comparative Politics and International Relations:

- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 355 - European Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

III. Political Theory and Methods:

- PLSC 306 - Contemporary Political Thought 3 hrs
- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Social Studies/Political Science Comprehensive Majors take:

- HIST 481 - The Teaching of Social Studies 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Social Studies Major

The Social Studies program, formerly called Social Science, serves students who intend to declare a major in Social Studies for Secondary Teaching. This major may also be elected by students seeking an interdisciplinary course of study in the social sciences.

History and Philosophy Department Information:

Department Head: Richard F. Nation
 Department Contact: richard.nation@emich.edu
 Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
 Email: rduke@emich.edu

Program Adviser: James Egge
 Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 36 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- * HIST 300W - Researching and Writing History (Gen Ed Area I, W) 3 hrs

- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- **OR**
- PLSC 113 - American Government Honors (Gen Ed Area IV) 3 hrs

- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Minor in Economics, Geography, History or Political Science: 20-24 Hours

Substitute Classes

Because some of the required classes in the major can also be counted towards the minor, students will be required to take anywhere from one to four substitute classes for the major. Additional substitute courses, if needed, can be taken in any of the four disciplines, at any level.

One of the classes must be taken from the following list:

Economics:

- ECON 321 - Minority Workers in the Labor Market 3 hrs
- ECON 327 - Economics of Poverty, Inequality and Discrimination 3 hrs
- ECON 328 - Economics of Women 3 hrs
- ECON 332 - Urban Economics 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 385 - Economic Development 3 hrs

- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Geography:

- GEOG 235 - Economic Geography 3 hrs
- GEOG 317 - History and Geography of Spanish America 3 hrs
- GEOG 318 - Geography of Asia 3 hrs
- GEOG 321 - Geography of Latin America 3 hrs
- GEOG 322 - Geography of Africa 3 hrs

History:

- HIST 201 - The Religions of South and East Asia 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III) 3 hrs
- HIST 304 - Early Judaism 3 hrs
- HIST 306 - Hinduism 3 hrs
- HIST 307 - Buddhism 3 hrs
- HIST 310 - France since 1789 3 hrs
- HIST 315 - History of Black Americans 3 hrs
- HIST 321 - Women and Gender in the Ancient World 3 hrs
- HIST 335 - History of Women in Europe 3 hrs
- HIST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs
- HIST 339 - Arab-Israeli Conflict 3 hrs
- HIST 341 - The Middle East, 1798 to the Present 3 hrs
- HIST 342 - North Africa, 1798 to the Present 3 hrs
- HIST 347 - Sub-Saharan Africa to 1885 3 hrs
- HIST 348 - 20th-Century Africa 3 hrs
- HIST 349 - South Africa, 1500-Present 3 hrs
- HIST 355 - Latin America: Colonial Period 3 hrs
- HIST 356 - Latin America: National Period 3 hrs
- HIST 375 - Modern India 3 hrs
- HIST 352 - East Asia to 1800 3 hrs
- HIST 442 - Modern China 3 hrs
- HIST 443 - Modern Japan 3 hrs
- HIST 444 - China and its Nomadic Neighbors 3 hrs
- HIST 457 - History of Mexico 3 hrs

Political Science:

- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (Gen Ed Area III) 3 hrs
- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs

- PLSC 365 - Women and Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Students who declared a Social Science major before Fall 2008 have until 2014 to complete their degrees under the old requirements, or they may elect to complete the new requirements.

* History advisers may substitute for HIST 300W Writing Intensive research methods courses from other programs or institutions as they judge reasonable.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and

the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Area Studies Minor — Africa

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke

Email: rduke@emich.edu

Program Adviser: James Egge

Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 15 hours

- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ECON 385 - Economic Development 3 hrs
- GEOG 322 - Geography of Africa 3 hrs

- HIST 347 - Sub-Saharan Africa to 1885 3 hrs
- PLSC 372 - African Politics 3 hrs

Area Elective Courses: 5 hours

Certain independent study courses and special topics courses may be counted as restricted elective courses or elective courses with the approval of the advising coordinator of area studies. No more than three of the seven courses in the minor may be chosen from a single discipline.

Five hours from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- GEOG 518 - Problems of Sub-Saharan Africa 2 hrs
- HIST 342 - North Africa, 1798 to the Present 3 hrs
- HIST 348 - 20th-Century Africa 3 hrs
- HIST 349 - South Africa, 1500-Present 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Area Studies Minor — Asia-Far East

History and Philosophy Department Information:

Department Head: Richard F. Nation
 Department Contact: richard.nation@emich.edu
 Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
 Email: rduke@emich.edu

Program Adviser: James Egge
 Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 14 hours

- ECON 385 - Economic Development 3 hrs
- GEOG 318 - Geography of Asia 3 hrs
- HIST 555 - Studies in Far Eastern History 2 hrs
- PLSC 374 - Asian Politics 3 hrs

One course from the following:

- HIST 352 - East Asia to 1800 3 hrs
- HIST 442 - Modern China 3 hrs

Area Elective Courses: 6 hours

Certain independent study courses and special topics courses may be counted as restricted elective courses or elective courses with the approval of the advising coordinator of area studies. No more than three of the seven courses in the minor may be chosen from a single discipline.

Six hours from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ARTH 267 - History of Asian Art (Gen Ed Area IV) 3 hrs
- HIST 201 - The Religions of South and East Asia 3 hrs
- HIST 306 - Hinduism 3 hrs
- HIST 307 - Buddhism 3 hrs
- HIST 326 - History and Geography of Modern Asia 3 hrs
- HIST 352 - East Asia to 1800 3 hrs
- HIST 442 - Modern China 3 hrs

Minor Requirements: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Area Studies Minor — Latin America

History and Philosophy Department Information:

Department Head: Richard F. Nation
Department Contact: richard.nation@emich.edu
Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
Email: rduke@emich.edu

Program Adviser: James Egge
Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 15 hours

- ANTH 233 - Cultures of Mesoamerica and the Caribbean (Gen Ed Area III) 3 hrs
- ECON 385 - Economic Development 3 hrs
- GEOG 321 - Geography of Latin America 3 hrs
- PLSC 367 - Latin American Politics 3 hrs

One course from the following:

- HIST 355 - Latin America: Colonial Period 3 hrs
- HIST 356 - Latin America: National Period 3 hrs
- HIST 457 - History of Mexico 3 hrs

Area Elective Courses: 5 hours

Certain independent study courses and special topics courses may be counted as restricted elective courses or elective courses with the approval of the advising coordinator of area studies. No more than three of the seven courses in the minor may be chosen from a single discipline.

Five hours from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (Gen Ed Area III) 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- GEOG 317 - History and Geography of Spanish America 3 hrs
- GEOG 513 - South American Lands 2 hrs
- HIST 317 - History and Geography of Spanish America 3 hrs
- HIST 355 - Latin America: Colonial Period 3 hrs
- HIST 356 - Latin America: National Period 3 hrs
- HIST 457 - History of Mexico 3 hrs
- HIST 560 - Studies in Latin American History 2 hrs
- SPNH 351 - Survey of Spanish-American Literature (TO BE DELETED) 3 hrs

- SPNH 412 - The Cultures of Spanish America 3 hrs
- SPNH 445 - Spanish-American Prose 3 hrs
- SPNH 454 - Modernism in Spanish America 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Area Studies Minor — Middle East and North Africa

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke

Email: rduke@emich.edu

Program Adviser: James Egge

Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 9 hours

- ECON 385 - Economic Development 3 hrs
- PLSC 371 - Middle East Politics 3 hrs

One course from the following:

- HIST 341 - The Middle East, 1798 to the Present 3 hrs
- HIST 342 - North Africa, 1798 to the Present 3 hrs

Area Elective Courses: 11 hours

Certain independent study courses and special topics courses may be counted as restricted elective courses or elective courses with the approval of the advising coordinator of area studies. No more than three of the seven courses in the minor may be chosen from a single discipline.

Eleven hours from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- CHL 351 - World Mythology 3 hrs
- ECON 585 - Economic Growth and Development 3 hrs
- GEOG 322 - Geography of Africa 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III) 3 hrs
- HIST 204 - Introduction to the History of Judaism (NEW COURSE) 3 hrs
- HIST 304 - Early Judaism 3 hrs
- HIST 339 - Arab-Israeli Conflict 3 hrs
- HIST 341 - The Middle East, 1798 to the Present 3 hrs
- HIST 342 - North Africa, 1798 to the Present 3 hrs
- HIST 543 - Nationalism and Modernization in the Middle East and North Africa 3 hrs

Minor Requirements: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Area Studies Minor — Russia and Eastern Europe

History and Philosophy Department Information:

Department Head: Richard F. Nation
 Department Contact: richard.nation@emich.edu
 Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
 Email: rduke@emich.edu

Program Adviser: James Egge
 Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 12 hours

- GEOG 314W - Geography of Russia and Neighboring States (Gen Ed Area I, W) 3 hrs
- HIST 344 - Russia since 1855 3 hrs
- HIST 547 - 19th Century Ideological Background of the Russian Revolution 3 hrs
- PLSC 361 - Russian Politics 3 hrs

Area Elective Courses: 8 hours

Certain independent study courses and special topics courses may be counted as restricted elective courses or elective courses with the approval of the advising coordinator of area studies. No more than three of the seven courses in the minor may be chosen from a single discipline.

Eight hours from the following:

- ECON 370 - Comparative Economic Systems 3 hrs
- GEOG 316 - History and Geography of Modern Europe 3 hrs
- HIST 332 - Modern Europe 1815-1919 3 hrs
- HIST 333 - Europe since 1919 3 hrs
- HIST 343 - Russia to 1855 3 hrs
- HIST 550 - 20th Century Russia 2 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

History Minor

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke

Email: rduke@emich.edu

Program Adviser: James Egge
Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 6 hours

One course from the following:

- HIST 101 - Western Civilization to 1648 (Gen Ed Area IV) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV) 3 hrs
- HIST 103 - 20th-Century Civilization (Gen Ed Area III) 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs

One course from the following:

- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs

History Courses: 12 hours

Six hours of history courses at the 300-level or above in one of the following areas and three hours in each of the other two areas:

- A. United States and Canada
- B. Europe (includes Russia and ancient Greece and Rome)
- C. Africa, Asia, Latin America (includes Middle East and ancient Near East)

Unrestricted Elective Courses: 2 hours

Minor Total: 20 hours

Notes:

HIST 481 may not be counted toward this minor. Secondary education certification requires at least eight hours of United States history.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Philosophy Minor

The philosophy minor consists of 24 credit hours. 15 of those hours must be at the 200-level or above. Minors must satisfactorily complete at least one course in each of the following five core areas, with a minimum of nine credit hours at the 300- or 400-level.

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Jill Dieterle

Email: jdieterle@emich.edu

Phone: 734.487.1018

Minor Requirements: 24 hours

Students must select a minimum of three hours from each of the five core areas:

I. Logic and Reasoning: 3-6 hours

At least one course from the following:

- * PHIL 120 - Introduction to Critical Reasoning (Gen Ed Area IV) 3 hrs
- * PHIL 130 - Introduction to Logic 3 hrs
- PHIL 181 - Logic and Model Theory (Gen Ed Area III) 3 hrs
- PHIL 281 - Symbolic Logic 3 hrs

II. History of Philosophy: 3-9 hours

At least one course from the following:

- PHIL 330W - History of Philosophy: Ancient (Gen Ed Area I, W) 3 hrs
- PHIL 331W - History of Philosophy: Modern (Gen Ed Area I, W) 3 hrs
- PHIL 332W - History of Philosophy: 19th Century (Gen Ed Area I, W) 3 hrs

III. Values: 3-12 hours

At least one course from the following:

- PHIL 212 - Philosophy of Art (Gen Ed Area IV) 3 hrs
- PHIL 220 - Ethics (Gen Ed Area IV) 3 hrs
- PHIL 221 - Business Ethics (Gen Ed Area IV) 3 hrs
- PHIL 223 - Medical Ethics (Gen Ed Area IV) 3 hrs
- PHIL 224 - Ethics and Food (Gen Ed Area IV) 3 hrs
- PHIL 225 - Political Philosophy (Gen Ed Area IV) 3 hrs

- PHIL 229 - Environmental Ethics (Gen Ed Area IV) 3 hrs
- PHIL 260 - Existentialism (Gen Ed Area IV) 3 hrs
- PHIL 310W - Aesthetics (Gen Ed Area I, W) 3 hrs
- PHIL 355W - Philosophy of Law (Gen Ed Area I, W) 3 hrs
- PHIL 370W - Philosophy and Narrative (Gen Ed Area I, W) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- PHIL 470W - Twentieth Century European Philosophy (Gen Ed Area I, W) 3 hrs

IV. Epistemology and Metaphysics: 3-12 hours

At least one course from the following:

- PHIL 215 - Philosophy of Religion (Gen Ed Area IV) 3 hrs
- PHIL 325W - Theory of Knowledge (Gen Ed Area I, W) 3 hrs
- PHIL 375W - Metaphysics (Gen Ed Area I, W) 3 hrs
- PHIL 480W - Philosophy of Science (Gen Ed Area I, W) 3 hrs
- PHIL 390W - Phenomenology (Gen Ed Area I, W) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- PHIL 442W - Philosophy of Mind (Gen Ed Area I, W) 3 hrs
- PHIL 460W - Philosophy of Language (Gen Ed Area I, W) 3 hrs
- PHIL 471W - Early Analytic Philosophy (Gen Ed Area I, W) 3 hrs
- PHIL 475W - Philosophy of Mathematics (Gen Ed Area I, W) 3 hrs

V. Eastern/Global: 3-9 hours

At least one course from the following:

- PHIL 226 - Feminist Theory (Gen Ed Area III, IV) 3 hrs
- PHIL 228 - Global Ethics (Gen Ed Area III, IV) 3 hrs
- PHIL 291 - Introduction to Asian Philosophy (Gen Ed Area III) 3 hrs
- PHIL 391W - Early Chinese Philosophy (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 9 hours

Philosophy 100 - 499 if not already taken to complete the required 24 hours.

Minor Total: 24 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

Only one of PHIL 100 - Introduction to Philosophy or PHIL 110 - Philosophies of Life may be counted toward the major.

** Only one of PHIL 120 - Introduction to Critical Reasoning or PHIL 130 - Introduction to Logic may be counted toward the major.*

*** This course satisfies either area III or area IV, depending on its specific content. It may only be used to satisfy one area requirement.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Religious Studies Minor

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke

Email: rduke@emich.edu

Program Adviser: James Egge

Email: jegge@emich.edu

Phone Number for Advisers: 734.487.1018

Required Area Courses: 3 hours

- HIST 100 - The Comparative Study of Religion (Gen Ed Area IV) 3 hrs

Restricted Elective Courses: 12 hours

Four courses from the following:

- ANTH 338 - Anthropology of Religion 3 hrs
- HIST 201 - The Religions of South and East Asia 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III) 3 hrs
- HIST 204 - Introduction to the History of Judaism (NEW COURSE) 3 hrs
- HIST 303 - History of American Religion 3 hrs
- HIST 304 - Early Judaism 3 hrs
- HIST 306 - Hinduism 3 hrs
- HIST 307 - Buddhism 3 hrs
- LITR 251 - The Bible as Literature 3 hrs
- PHIL 215 - Philosophy of Religion (Gen Ed Area IV) 3 hrs
- PSY 225 - Psychology of Religion 3 hrs
- SOCL 320 - Sociology of Religion 3 hrs

Elective Courses: 5-6 hours

Certain independent study courses and special topics courses may be counted as restricted elective courses or elective courses with the approval of the advising coordinator of religious studies. No more than three of the seven courses in the minor may be chosen from a single area: fine arts, literature and history.

Two courses from the restricted elective courses list or from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ARTH 162 - Survey of Western Art I (Gen Ed Area IV) 3 hrs
- ARTH 368 - History of Classical Art 3 hrs
- ARTH 369 - History of Renaissance Art 3 hrs
- CHL 351 - World Mythology 3 hrs
- CLAS 301 - Classical Mythology 3 hrs
- HIST 327 - Europe in Early Middle Ages 400-1050 3 hrs
- HIST 328 - Europe in Late Middle Ages 1050-1400 3 hrs
- HIST 330 - Europe in the Renaissance and Reformation 3 hrs
- LITR 309 - The Development of American Literature 3 hrs
- LITR 314 - English Renaissance Prose and Poetry 1500-1660 3 hrs
- PHIL 220 - Ethics (Gen Ed Area IV) 3 hrs
- PHIL 260 - Existentialism (Gen Ed Area IV) 3 hrs

Minor Total: 20-21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education History Minor

PROGRAM WILL BE PHASED OUT: EFFECTIVE WINTER 2013

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in history, certification code CC. The certification test covering this field is #009, "History."

History and Philosophy Department Information:

Department Head: Richard F. Nation

Department Contact: richard.nation@emich.edu

Website: <http://www.emich.edu/historyphilosophy/>

Adviser Information:

Program Adviser: Robert Duke
Email: rduke@emich.edu

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Phone Number for Advisers: 734.487.1018

Required Area Courses 15-18 hours

- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 481 - The Teaching of Social Studies 3 hrs (If not required by your major)

One option from the following:

Option I:

- HIST 101 - Western Civilization to 1648 (Gen Ed Area IV) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV) 3 hrs
- HIST 103 - 20th-Century Civilization (Gen Ed Area III) 3 hrs

Option II:

- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs

Restricted Elective Courses: 9 hours

**Three hours of history courses at the 300-level or above in each of the following areas:*

- A. United States (includes HIST 303)
- B. Europe (includes Russia and ancient Greece and Roman history)
- C. Africa, Asia (includes Middle East and ancient Near East), Latin America, History of Religions

Minor Total: 21-27 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

** For a current list of classes that count for each area, consult the History Section website or a History undergraduate adviser.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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University Information: Consult the online catalog at catalog.emich.edu.

History

HIST 100 - The Comparative Study of Religion (Gen Ed Area IV)

An introduction to the systematic study of religious experience and expression; organized around representative motifs, phenomena and institutions, and illustrated with relevant examples from the various historical religious traditions.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

HIST 100 The Comparative Study of Religion

This General Education course is an introduction to the academic discipline of religious studies. Religious studies is an interdisciplinary field that draws on approaches from both the humanities and the social sciences. Because this course focuses primarily on the questions and methods of the humanities, it counts toward the Knowledge of the Disciplines requirement in the Humanities area. Students in this class will develop their ability to interpret religious texts and other religious expressions, to analyze religious ideas about human existence and the nature of the world, and to understand religions as historical traditions characterized by conflict and change.

HIST 101 - Western Civilization to 1648 (Gen Ed Area IV)

A topical survey of western civilization from its Greco-Roman origins to the 17th century. Cultural development and institutional growth are emphasized. Greco-Roman contributions, the Judeo-Christian heritage, Byzantine and Islamic cultures, European expansion and militarism, the Renaissance and the Reformation are among the major topics considered.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

HIST 101 Western Civilization to 1648

History 101 explores the cultural development of Western Europe from the classical world through the religious reformation of the sixteenth century, through the examination of literary, philosophical and religious texts. Students in this class will be given a solid grounding in the major political and social developments of the civilizations that flourished across Europe and the Mediterranean prior to 1648. This context will prepare them to explore various literary, philosophical and religious texts, to understand how they were both products of their age and powerful shapers of their cultures. Many texts will reflect how political and social power was structured and projected, and these texts will offer students ample opportunity to reflect upon issues of class, gender and race. Through an exploration of philosophical and religious writings students will gain an understanding of how men and women in various western societies viewed human nature and attempted to make sense out of good and evil, life and death. Students will leave this course having gained an appreciation for the past cultures of Western Europe and will have developed a sensitivity to the dynamic interplay between social and cultural institutions and values, and the writing and thought produced within the framework of those values and institutions.

HIST 102 - Western Civilization, 1648 to World War II (Gen Ed Area IV)

A survey of western history from the 17th century to World War II. Major themes include the rise of modern states, the emergence of science, the impact of European colonialism on the non-European world, upheavals in the arts and philosophy, and the origins and consequences of total war.

Credit Hours: 3 hrs

Previously Listed As: HIST 102 - Western Civilization, 1648 to World War I

Area IV: Knowledge of the Disciplines

HIST 102 Western Civilization 1648 to WWI

History 102 explores the development of Western Europe from the mid-seventeenth century until World War I. through the examination of literary, philosophical and religious texts. Students in this class will be given a solid grounding in the major political, social and economic developments of early modern and modern Europe. This context will prepare them to explore various literary, political, philosophical and religious texts, to understand how they were both products of their age and powerful shapers of European thought, culture and society. Many texts will reflect how political and social power was structured and projected in this formative era of European history, and these texts will offer students ample opportunity to reflect upon issues of class, gender and race. Through an exploration of philosophical and scientific writings, students will explore the tremendous paradigm shift which occurred with the scientific revolution in early modern Europe, a shift which fundamentally altered the way in which men and women viewed nature, the universe and human nature. The study of religious and philosophical texts will also allow students to examine the repercussions of this paradigm shift in religious thought and practice as well. Finally, numerous literary works and texts will offer students an understanding of the mentality and values of bourgeois society in nineteenth century Europe, and help them grasp the terrible clash of war brought about by nationalism and bourgeois values in 1914. Students will leave this course having gained an appreciation for early modern and modern Western Europe culture and society, and will have developed a sensitivity to the dynamic interplay between social and cultural institutions and values, and the writing and thought produced within the framework of those values and institutions.

Last Updated: Title and Course Description Change 02/2012, effective Fall 2012

HIST 103 - 20th-Century Civilization (Gen Ed Area III)

An examination of the international developments of the 20th century, with particular emphasis on the interactions between the West and other world cultures.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

HIST 103 Twentieth Century Civilization

HIST 103 fulfills the General Education Program's Global Awareness requirement for Perspectives on a Diverse World by providing the background necessary to understand today's chief global occurrences, especially the interactions between the Western world and other world cultures. This course examines not only the main political developments of the twentieth century, but also the era's chief trends in science and technology, economics, social changes and cultural and religious developments, and how these various trends interrelate with one another. After completing this course students should at a minimum be able to identify the most important individuals and terms of the twentieth century and know the causes and effects of the era's most important events. They should also have a better understanding of such world-wide problems as nationalism, imperialism, militarism, globalization, ideological and cultural conflict and the varying causes of wars and violence.

HIST 104 - Quest for Power: Famous Figures in History

An examination of the lives and times of selected leaders from the ancient and modern worlds. Examples of figures to be covered are Pericles, Nero, Napoleon I and Adolf Hitler. Major literary monuments of the periods will be examined as well. Team taught by a member of the History Department and a classicist.

Credit Hours: 3 hrs

Cross-Listed with: CLAS 104

Notes: This course satisfies one literature or one history requirement. See honors humanities courses

Last Updated: Links 04/2011

HIST 106 - Asian and African Civilizations

The civilizations of the Moslem world, Africa, India and East Asia in historical perspective. Philosophical outlook, cultural development and technological advances are emphasized with attention also being given to social and economic changes in the period since 1500.

Credit Hours: 3 hrs

HIST 109 - World History to 1500

A survey of world civilizations (Africa, Asia, Europe, Western Hemisphere) from prehistory to 1500. The course will emphasize the diversity and interrelationships of world cultures and civilizations.

Credit Hours: 3 hrs

HIST 110 - World History since 1500 (Gen Ed Area III)

A survey of world civilizations (Africa, Asia, Europe, Western Hemisphere) from 1500 to the present. The course will emphasize the diversity and interrelationships of world cultures and civilizations.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

HIST 110 World History since 1500

History 110 meets the Global Awareness requirement of the Perspectives on a Diverse World, because it seeks to give students knowledge and understanding of the political organization, religious beliefs, and cultural practices of the world's peoples, and their interconnections over half a millennium. They will be encouraged to think globally so that they can see how events or new ideas that developed in one area, affected another, how America's cultural practices related to those of other societies, how wars and imperialism produced radical political and economic changes and why social, cultural and racial intolerance existed in so many countries. In the process, students will work on their skills of reading and interpreting historical material, asking the questions that historians ask, and responding to questions both verbally and in writing. The most important goal of the course is to give students the knowledge and understanding of the past that they need to interpret the contemporary world.

HIST 115 - Making American Society: Race, Ethnicity and Gender in Historical Perspective (Gen Ed Area III)

Through historical perspective, students will understand the difficult questions about diversity that have confronted people of every generation and the accommodations made through law, institutions and changed social habits. By understanding past tragedies, successes, mistakes and wise choices, students will be better citizens of the present and guardians of the future.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

HIST 115 Making American Society: Race, Ethnicity & Gender in Historical Perspectives

To Understand most clearly the issues surrounding diversity in the United States, one of the key goals of the General Education program at Eastern Michigan University, historians believe that students must understand the historical development of diversity: how the categories of race, ethnicity, gender, class and sexuality, among others, have been constructed and re-constructed over time. *History 115* will explore why, throughout four centuries of the development of the United States. Americans have struggled over how (or whether) to make the words of democracy into reality in a land of diversity. Accordingly, the class will examine the conflicts presented when people of so many diverse backgrounds, values and options try to accomplish their separate and collective ambitions within a framework of democracy and capitalism. We will examine why too many men and women in each era were denied equality, and we will examine the slow but steady progress toward a "more perfect union" that gives voice, extends toleration and offers equal opportunity to all of its people regardless of color, race, creed, national origin, gender and sexuality.

Through historical perspective, students will understand the difficult questions that have confronted people of every generation and the accommodations made through law, institutions and changed social habits. By understanding past tragedies, success's, mistakes and wise choices, students will be better citizens of the present and guardians of the future. Therein is the primary goal.

HIST 116 - Intro to American Indian History (Gen Ed Area III)

This course is a study of American Indian history and culture with an emphasis on the twentieth century. This course examines how interaction between native peoples and the diverse peoples of the U.S. has over time created a complex society and raised such issues as the theft of natural resources, poverty, the use of Hollywood stereotypes, inferior health care and educational opportunities and the need to redefine traditional cultures within the mainstream America.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

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HIST 123 - The United States to 1877 (Gen Ed Area IV)

A study of United States history through the Reconstruction following the Civil War.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

HIST 123 The US to 1877

This course provides an introduction to a variety of social science methodologies while emphasizing history's unique contribution to the social sciences, the notion that any period develops from the periods preceding it. In pursuit of that aim, you will gain the foundational content knowledge needed to understand and interpret the major trends, people, ideas and events that have shaped the United States before 1877. Second you will acquire and use the unique methods historians employ to critically select and evaluate evidence from the past, assess its significance and analyze the interpretive accounts that give this past meaning.

HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV)

A study of United States history from the end of Reconstruction to the present.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

HIST 124 The US 1877-Present

This course provides opportunities to acquire the procedures, practices, methodologies and fundamental assumptions of history in two ways. First, you will gain the foundational content knowledge needed to understand and interpret the major trends, people, ideas and events that have shaped the United States since 1877. Second you will acquire and use the unique methods historians employ to critically select and evaluate evidence from the past, assess its significance, and analyze the interpretive accounts that give this past meaning. In this iterative process, you will discover that the discipline of history places unique demands on those who aim to interpret and communicate a strange past- a past that is difficult to truly know and articulate. The application of historical thinking skills will help you discover much of the meaning, mystery, controversy and drama of history. This process of discovery requires that you question how historians view the relationship between evidence and historical accounts. you Will learn to create interpretive accounts of the past by framing useful historical problems, marshalling and evaluating relevant evidence, detecting authorial bias, contextualizing or "historicizing" the past, assessing significance both in primary sources and in narrative accounts, debating competing theories of causation, using counter historical examples to critique narratives and exploring how theories of hegemony and human agency influence our understanding of the past.

HIST 151 - Reason and Revolution (Gen Ed Area IV)

An examination of the transition in political history, philosophy, art, literature and music from Puritan England and Louis XIV's France to Napoleon. Team taught by members of the Art and History departments. This course satisfies one art or one history requirement. Note: see honors humanities courses.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

HIST 151 Reason and Revolution [effective Fall 2008]

This inter-disciplinary course in history and art history is intended to introduce students to the works of art, philosophy and literature associated with a major turning point in European and world history- the Enlightenment and the French Revolution. It will offer students the opportunity to study the ideas that found their first political expression in the American Constitution, from their beginnings in 17th century France and England through the turmoil of revolution and war. The course will encourage students to analyze and write about a variety of artistic, philosophical and literary works in a specific historical context, and to understand how political events influenced humanistic thought and how the humanities shaped political and social change.

HIST 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

HIST 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

HIST 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

HIST 201 - The Religions of South and East Asia

A comparative and historical survey of the native religious traditions of South and East Asia, showing the interaction of folk religion with the developing concepts and institutions of Hinduism, Buddhism, Confucianism, Daoism and Shinto.

Credit Hours: 3 hrs

Previously Listed As: HIST301

Last Updated: Links 04/2011

HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (Gen Ed Area III)

This is an historically-oriented analysis of the Semitic or Near Eastern monotheisms (Judaism, Christianity and Islam) from their common roots in the sacred stories of the patriarch Abraham to their often contentious and ecumenical relationships as global communities in the contemporary world.

Credit Hours: 3 hrs

Previously Listed As: HIST302

Last Updated: 03/2011; effective Spring 2011

HIST 204 - Introduction to the History of Judaism (NEW COURSE)

An introductory history of Judaism and the Jewish people. Surveys Judaism from archaic roots in ancient West Asia to the present, from religious ideas and practices of the Hebrew Bible (Old Testament) to the development of Jewish religious, social, and intellectual life in Christian, Islamic, medieval, and modern societies.

Credit Hours: 3 hrs

Course Revisions:

Course approved for General Education-Area IV: Knowledge of the Disciplines-Humanities, effective Winter 2013
Last Updated: New Course 06/2011, effective Fall 2011

HIST 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: one course in history or department permission

HIST 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: one course in history or department permission

HIST 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

HIST 290 - Introduction to the History of Technology

An introduction to western technology from medieval times to the present. Examines the process of technical change, the nature of technological systems, the diffusion of technological improvements and the role of technology in broader historical movements.

Credit Hours: 3 hrs

HIST 300W - Researching and Writing History (Gen Ed Area I, W)

An introduction to the historian's skills. Exercises include compiling a bibliography, writing book reviews and preparing a research paper.

Credit Hours: 3 hrs

Major Restrictions: Open only to students in the following programs: History; History for Secondary Teacher Certification; Social Studies; Social Studies for Secondary Teacher Certification; Social Science; Area Studies; SSET; SSGT; SSHT; SSPT; GHT; HGT

Notes: Required for the history major

Last Updated: Major Restrictions Added 11/2012, effective Winter 2013

HIST 303 - History of American Religion

A survey of religious institutions and ideas in relation to American culture from colonial times to the present.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

HIST 304 - Early Judaism

This course is a survey of the origin and historical development of Judaism in the Persian, Hellenistic, and Roman periods.

Credit Hours: 3 hrs

Prerequisite: HIST 100 or HIST 101 or HIST 109 or equivalent

Last Updated: Links 04/2011

HIST 305 - Native American History

An ethnohistory of America's indigenous peoples and nations from before contact to the present.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

HIST 306 - Hinduism

This course is a thematic and historical study of Hinduism and the related Indian religions of Jainism and Sikhism. The course traces the development of religion in South Asia from prehistory to the present and examines the diverse ideas, values and ways of life that make up Hinduism today.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

HIST 307 - Buddhism

This course is a thematic and historical study of the Buddhist tradition. It traces the development of Buddhism from its origins in ancient India to the present and examines the diverse ideas, values and ways of life that make up Buddhism today.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

HIST 308 - Integrated Elementary Social Studies Methods

Social studies is the integrated study of the social sciences and humanities to promote civic competence inherent in group life. This course explores the teaching of social studies in the elementary school. It is organized to cover a variety of teaching methods to acquire skills through lectures, discussions, activities, and presentations.

Credit Hours: 3 hrs

Prerequisite: CURR 304 and admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing or above

Major Restrictions: Elementary Education Majors only

Cross-Listed with: CURR 308

Last Updated: 03/2011; effective Spring 2011

HIST 309 - France to 1789

A study of the main currents in early modern times with special emphasis on the impact of the Protestant Revolt and the Renaissance on French society, the rise of absolutism and the political and intellectual background of the French Revolution.

Credit Hours: 3 hrs

HIST 310 - France since 1789

An examination of the major trends in French history since the start of the Revolution. Stresses cultural, social, economic, intellectual and political trends, and treats the ways in which France has been a seedbed for new movements in Europe.

Credit Hours: 3 hrs

Prerequisite: HIST 102 or department permission

Last Updated: Links 04/2011

HIST 311 - History and Geography of the Modern World (NEW COURSE)

This course provides an interdisciplinary study of global history and geography from 1500 to the present. It addresses key issues in global history and geography (such as the Colombian exchange, colonialism, global war) across several different world regions.

Credit Hours: 3 hrs

Prerequisite: HIST 110, GEOG 110

Cross-Listed with: GEOG 311

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 10/2012, effective Winter 2013

HIST 313 - Michigan History

A survey of major economic, social and political developments in Michigan from prehistoric times to the present. Emphasizes the period prior to the 20th century.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or HIST 124

Class Restrictions: Sophomore standing or higher

Last Updated: Prerequisite/ Restriction change 5/2012, effective WINTER 2013.

HIST 315 - History of Black Americans

A history of Americans of African ancestry from colonial times to the present. Emphasizes slavery, the post-Civil War South, northward migration and urban settlement, and philosophies of racial progress.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

HIST 316 - History and Geography of Modern Europe

An interdisciplinary and geographical-historical study of modern Europe with the geographical component emphasizing information of an urban, demographic, occupational and environmental nature, and with the history component stressing major political, social and cultural developments. A requirement for majors in language and international trade.

Credit Hours: 3 hrs

Prerequisite: GEOG 110 and either HIST 101, HIST 102 or HIST 103

Concurrent Prerequisite: GEOG 316

Last Updated: Links 04/2011

HIST 317 - History and Geography of Spanish America

An interdisciplinary geographical-historical study of Spanish America, emphasizing political, cultural and socioeconomic forces from the conquest to the present. Stresses similarities and differences within and between nations and the special relationships that exist between the nations and the United States. A requirement for majors in language and international trade.

Credit Hours: 3 hrs

Prerequisite: GEOG 110 and either HIST 101, HIST 102 or HIST 103

Concurrent Prerequisite: GEOG 317

Last Updated: Links 04/2011

HIST 319 - The Civil Rights Movement in the United States

Focusing on the 20th-century history of the African American struggle for equality, this course examines the rise of de jure racial segregation as a social system; the origins and early history of the Civil Rights movement; the movement's development from the 1920s through the 1950s and its historic victories over segregation in the 1950s and 1960s.

Credit Hours: 3 hrs

Prerequisite: HIST 124, HIST 315 or department permission

Last Updated: Links 04/2011

HIST 321 - Women and Gender in the Ancient World

An investigation of conditions of life for women in antiquity, focusing on the sex-gender system of Greek and Roman societies. Literary, inscriptional and other evidence will be studied to disclose the classical roots of western beliefs and attitudes about women.

Credit Hours: 3 hrs

Prerequisite: one course in history

Cross-Listed with: CLAS 321, WGST 321

Last Updated: Links 04/2011

HIST 323 - Greek History

Examines the Greeks' achievements from the Bronze Age to the Roman conquest, focusing on the period after 800 B.C.E. Emphasizes political, social and economic developments; also considers literary, intellectual and artistic accomplishments.

Credit Hours: 3 hrs

Prerequisite: one course in history

Last Updated: Links 04/2011

HIST 324 - Roman History

Examines the Romans' achievements from earliest times to the German conquest, focusing on the period 500 B.C.E.-C.E. 500. Emphasizes political, social and economic developments; also considers literary, intellectual and artistic accomplishments.

Credit Hours: 3 hrs

Prerequisite: one course in history

HIST 325 - History of Sexuality

A topical approach to the role that sex and sexuality has played in American history; topics include the family, gender, interracial relations, the birth control movement, origins of the gay community, politics of abortion, and sexually transmitted infections.

Credit Hours: 3 hrs

Cross-Listed with: WGST 325

Last Updated: Links 04/2011

HIST 326 - History and Geography of Modern Asia

An interdisciplinary geographical-historical study of modern Asia. The geography component emphasizes urban, demographic, occupational and environmental trends and developments; the history component stresses major political and social developments and international relations. A requirement for majors in the Japanese program in language and international trade.

Credit Hours: 3 hrs

Prerequisite: GEOG 110 and either HIST 103 or HIST 106

Last Updated: Links 04/2011

HIST 327 - Europe in Early Middle Ages 400-1050

Analyzes emergence of common European culture from fusion of Roman, Germanic and Christian elements. Includes examination of Merovingian and Carolingian culture, Anglo-Saxon Britain, Ottonian Germany, medieval Christianity and medieval women. Cultural institutions of Celts, Moslems and Vikings also explored.

Credit Hours: 3 hrs

HIST 328 - Europe in Late Middle Ages 1050-1400

Examines local feudalism and rise of French and English feudal monarchies. Special emphasis on crusades, medieval Christianity and heresy, women and Paris and Venice in late middle ages. Culture explored through extensive use of contemporary literature and art.

Credit Hours: 3 hrs

HIST 329 - Power, Place and Image in Florence and Rome

Students will travel to Florence and Rome where they will investigate the dynamics of political, social, and religious power, and the relationships between men and women that characterized life in these cities in the late Middle Ages and Renaissance eras. We will explore how political, social, and religious power and cultural values were expressed in monuments, palaces, city walls, churches, and works of art.

Credit Hours: 3 hrs

HIST 330 - Europe in the Renaissance and Reformation

A survey of the political, cultural, religious and economic history of Europe from the Italian Renaissance to the Peace of Westphalia.

Credit Hours: 3 hrs

HIST 332 - Modern Europe 1815-1919

A study of the development and conflicts of the national states of Europe from the Congress of Vienna to the Treaty of Versailles.

Credit Hours: 3 hrs

HIST 333 - Europe since 1919

A history of Europe since Versailles with emphasis upon the Communist, Fascist and Nazi revolutions and their impact on the world, the origins and outbreak of the Second World War, and the post-1945 era.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 335 - History of Women in Europe

A study of the history of women and views of women in western society from the 18th century to the present. Emphasizes the struggles, setbacks and achievements of the women's movements in the context of modern European history.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

Cross-Listed with: WGST 335

Last Updated: Links 04/2011

HIST 336 - History of Women in the United States and Great Britain, 1800 to the Present

A comparative study of the history of women in the United States and Great Britain. Examines the ideology of the nature and role of women, the history of women's lives, the impact of industrialization and the feminist movements of the 19th and 20th centuries.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

Cross-Listed with: WGST 335

Last Updated: Links 04/2011

HIST 338 - German History Since 1815

Considers unification and Empire, World War I, the Weimar Republic, the rise of National Socialism, World War II and postwar Germany.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 339 - Arab-Israeli Conflict

Course covers a major, ongoing issue in 19th- and 20th-century history, namely the conflicts between Arabs and Israelis in the Middle East.

Credit Hours: 3 hrs

Prerequisite: one course in history or one course in political science or department permission

HIST 341 - The Middle East, 1798 to the Present

A survey of the political, economic and social history of the Middle East, including Turkey and Iran, with emphasis on the growth of independence movements within the area.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 342 - North Africa, 1798 to the Present

A survey of the political, economic and social history of North Africa, Egypt and the Sudan, emphasizing the internal movements for independence from colonial powers.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 343 - Russia to 1855

A survey of political, economic and cultural trends in the history of Russia from Rurik to the death of Tsar Nicholas I, with special emphasis on the growth of tsarist absolutism.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 344 - Russia since 1855

A survey of the political, economic and diplomatic history of imperial Russia and the Soviet Union from the great reforms of the 1860s to the present.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 347 - Sub-Saharan Africa to 1885

The historical evolution of sub-Saharan African civilizations including their origins, interrelations and responses to European colonialism.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 348 - 20th-Century Africa

A detailed examination of black Africa's response to the historical experience of European colonialism, along with the evolution of those responses, forms and patterns applicable not only to Africa, but also to the entire non-Western world.

Credit Hours: 3 hrs

HIST 349 - South Africa, 1500-Present

Examines the evolution of a multi-racial society: the Khoisan foragers, Bantu agro-pastoralists, European colonists, mixed blood "coloreds" and Asian indentured immigrants. Explores capitalists development and race relations arising from the mineral revolution of the late 19th century. The emergence and operations of the policies of segregation and apartheid are covered completely.

Credit Hours: 3 hrs

Class Restrictions: Junior standing

HIST 350 - History of Canada

A survey of the development of Canada from prehistoric times to the present with an emphasis on social and economic topics.

Credit Hours: 3 hrs

HIST 352 - East Asia to 1800

A study of the history of China, Korea and Japan from ancient times to the beginning of the 19th century, stressing political, cultural and social developments and the dominant role of China.

Credit Hours: 3 hrs

Prerequisite: One history course

Previously Listed As: HIST 441

Last Updated: 7/7/2011

HIST 355 - Latin America: Colonial Period

Surveys the history of Spanish America and Portuguese America from the conquest to the independence era, stressing political, social and economic aspects.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 356 - Latin America: National Period

Surveys the history of Latin America from the independence era to the present, stressing political, social, intellectual and economic topics.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 360 - Civil War: Combat, Culture, and Place

A course that takes students to important Civil War sites as part of a wider exploration of the events related to the cause, conduct, and consequence of the American Civil War. This travel course emphasizes the experience of the common soldier and civilian during the Civil War, and provides the student the opportunity to conduct primary research at a major document repository.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or HIST 124

Last Updated: Links 04/2011

HIST 362 - United States Urban History

The development of United States cities from the commercial town of colonial times to the industrial metropolis of today. Emphasizes urban economic activities, boss and reform politics, immigrant and racial minorities, and city and suburban expansion.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 364 - United States Military History

A study of the origins and developments of military institutions, traditions, and practices in the United States from the colonial period to the present, with attention given to the interrelationship between military history and political, social and economic conditions in the United States and the world. A requirement for cadets in ROTC programs.

Credit Hours: 3 hrs

Prerequisite: one course in history

HIST 365 - The Old South

The South from the colonial foundations to the formation of the Confederacy in 1861.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or department permission

Last Updated: Links 04/2011

HIST 370 - History of American Sport

A study of American sports, recreation and leisure from the colonial period to the present day. The course discusses the role that sports has played in the development of American culture that participates in these activities. The course also examines the role of sport in defining social identities, gender roles, class distinctions, regional variations and statements of individual and collective achievement.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or HIST 124

Last Updated: Links 04/2011

HIST 375 - Modern India

The development and maturing of British rule in India against the background of Indian culture. Examines the rise and development of Indian nationalism, the struggle for independence and the problems faced by India since 1947.

Credit Hours: 3 hrs

Prerequisite: one course in history

HIST 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: one course in history or department permission

HIST 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: one course in history or department permission

HIST 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

HIST 380 - American Colonies

A survey of American history from contact to the Seven Years' War; special attention will be paid to European exploration and settlement, relations between Native Americans and the colonists, gender, the origins of African American Slavery, and the maturation of American Society.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or department permission

Last Updated: Links 04/2011

HIST 383 - The Age of Jackson

A study of the United States from the end of the War of 1812 through the Mexican War, with the major emphasis on the transportation revolution, sectionalism, the second American party system, "Manifest Destiny" and the social movements of the era.

Credit Hours: 3 hrs

Prerequisite: HIST 123

Last Updated: Links 04/2011

HIST 385 - Civil War and Reconstruction

A study of the United States from the Mexican War through the era of Reconstruction. Examines the sectional tensions leading to the Civil War; the political, social, military and economic aspects of the war; the problems of reconstruction and the rise of the solid South.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

HIST 387 - Cooperative Education in History

Four to six months of full-time employment in a business or industry chosen to provide practical experience in the student's major field. The program consists of one or two such work experiences alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admittance to program by application only; department permission

Class Restrictions: Junior standing

Major Restrictions: History and Social Studies Majors only

HIST 411 - England to 1689

The general history of England to the Revolution of 1688, with emphasis on its cultural and constitutional contributions to the modern world.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 412 - England 1689 to Present

England in the period of imperial expansion, its industrial and social revolutions and its transition into a modern socially minded nation.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Notes: A continuation of HIST411

Last Updated: Graduate Credit 07/2011

HIST 414 - The Automobile Industry and Modern America

An examination of the European and American origins of the automobile industry, the emergence of Michigan's dominant position in the industry, and the social, economic and general cultural influence that the automobile and the industry have exerted on 20th-century America.

Credit Hours: 3 hrs

HIST 415 - Sexual Communities in American History

This class addresses the history of sexuality and the development of communities based on sexual identity in the United States. Topics include the origins of scientific theories of sexuality, the development of social movements around sexual issues and social responses to sexual minorities.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: WGST 415

Last Updated: Approved for Graduate Credit 04/2012, effective Fall 2012; Links 04/2011

HIST 416 - American Environmental History

The history of the United States has in dramatic ways been a history of its inhabitants' relationships with the natural world. This course will examine how Americans, from the pre-Columbian period to the present, have perceived the natural world and acted on it and how that natural world has acted on them.

Credit Hours: 3 hrs

Prerequisite: (HIST 123 or HIST 124) or (BIO 107 or ESSC 107)

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 10/2011, effective Winter 2012; 03/2011, effective Spring 2011

HIST 424 - The United States from 1917 to 1941

A study of United States history from World War I through U.S. entry into World War II. The course covers foreign affairs, national government and politics, economic developments and social trends. World War I, modernization and cultural conflict of the 1920s and the Great Depression, and New Deal of the 1930s receive special attention.

Credit Hours: 3 hrs

Prerequisite: HIST 124 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 425 - The United States from 1941 to 1963

A study of United States history from entry into World War II to the death of President John F. Kennedy. The course covers national government and politics, foreign policy and social history of the American people. World War II diplomacy and home front; Cold War; Truman, Eisenhower and Kennedy administrations; Red Scare; civil rights; suburbanization; mass culture; and other postwar social and cultural trends receive special attention.

Credit Hours: 3 hrs

Prerequisite: HIST 124 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 426 - The United States from 1963 to the Present

A study of United States history from the presidency of Lyndon B. Johnson to the present. The course covers national government and politics, foreign policy and social history of the American people. The Great Society; Vietnam War; protest movements of the 1960s; Nixon administration and Watergate; economic, social and cultural trends of the 1970s and 1980s; the conservative resurgence; and the Reagan Revolution and its aftermath are among topics that receive special attention.

Credit Hours: 3 hrs

Prerequisite: HIST 124 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 427 - Europe from Absolutism to Revolution, 1648-1815

A political, social and cultural study of Europe from the Peace of Westphalia through the Napoleonic Era. Emphasizes the development of absolutism in France, constitutionalism in England, the Enlightenment and the French Revolution.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 435 - Italy since 1815

The political, social and economic development of Italy from the Congress of Vienna to the present. Emphasizes the unification movement, domestic and foreign problems of the 19th and 20th centuries, World War I and its effects, Mussolini and Fascism, World War II and the new liberal republic.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 442 - Modern China

China from 1800 to the present: traditional Confucian China in crisis, impact of the West, reform and revolution. Republican China, the Communist revolution, China since 1949.

Credit Hours: 3 hrs

Prerequisite: one history course

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 443 - Modern Japan

Japan from 1800 to the present: collapse of the shogunate, 19th-century reforms, rise of the empire to great power status, defeat in World War II, postwar changes. Political, economic and cultural developments are considered.

Credit Hours: 3 hrs

Prerequisite: one course in history

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 444 - China and its Nomadic Neighbors

This course traces the evolution of relations between the Chinese empire and the peoples of northern and central Asia between 100 BCE-1700 CE. It will include the economics and geographical factors that influenced the interactions between sedentary Chinese and nomadic peoples.

Credit Hours: 3 hrs

Prerequisite: one course in history

Class Restrictions: Junior standing

HIST 450 - European Military History, 1815-1945

This course will examine the European art of war from Napoleon to the end of World War II. Topics include the Boer War, Russo-Japanese War, World War I, Spanish Civil War and World War II. A key question will be the role played by new "hardware," such as rifles, machine guns and the tank.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 451 - History of the First World War 1914-1918

This course will offer a detailed look at the origins, course, and results of the so-called "Great War" from 1914-1918, a conflict better known today as the First World War. Special attention will be paid to the military campaigns of the war, with particular emphases on the role of the new industrial technology upon military tactics and operations.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 452 - Military History: Blitzkrieg to Desert Storm, 1940-2003

A study of warfare from the stunning German victory in the West in 1940 to the current U.S. War in Iraq. Topics include operational analysis of all the major armies that fought World War II; the Arab-Israeli Wars; the potentialities for a U.S. Soviet conflict in the decades after World War II; the problems encountered by the U.S. military in Vietnam; the post-Vietnam renaissance in U.S. military doctrine that culminated in Operation Desert Storm; and the U.S. reaction to 9/11 that resulted in Operation Iraqi Freedom.

Credit Hours: 3 hrs

HIST 456 - Europe since 1945

Study of the political, economic, social and diplomatic history of Europe since the end of World War II, with emphasis on the Cold War, economic recovery and decline, the European integration movement, solidarity and dissension within the communist bloc, stability and unrest within the democracies, and the impact of U.S.-Soviet detente.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 457 - History of Mexico

An introduction to Mexican history from the Amerindian period through the recent past. Examines political, social, economic and cultural developments in the area comprising the present day nation as well as those areas in North America once included in Mexico.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 461 - Foreign Relations of the United States

A survey of the foreign relations of the United States emphasizing the diplomacy of the period after the Civil War.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 463 - United States Labor History

A history of workers in the United States from colonial times to the present with special emphasis on developments occurring between 1820 and 1940. Considers working-class life and culture, labor unions, government-labor relations and the impact of economic change.

Credit Hours: 3 hrs

Prerequisite: one course in history

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 464 - The Old West, 1540-1890

A study of Spanish settlement, the fur trade, great explorations, settlement and expansion, transportation and mining frontiers, the cattle industry and cowboy culture, and the impact on the Indians.

Credit Hours: 3 hrs

Prerequisite: one course in history

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 465 - United States Constitutional History

A history of the development of the American Constitution from English and American colonial origins to the present.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or HIST 124 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 468 - The American Mind to the Civil War

Ideas and culture in America during the 17th, 18th and early 19th centuries. Includes such subjects as Puritanism, the Enlightenment and Romanticism/Transcendentalism, together with their general cultural implications.

Credit Hours: 3 hrs

Prerequisite: HIST 123

Class Restrictions: Junior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 469 - The American Mind Since the Civil War

Ideas and culture in America during the late-19th and 20th centuries. Includes such subjects as pragmatism, social Darwinism, nationalism and internationalism, and liberal and conservative thought together with their general cultural implications.

Credit Hours: 3 hrs

Prerequisite: one course in history

Class Restrictions: Junior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 471 - Social and Intellectual History of 19th-Century Europe

A detailed study of the original concepts of Europe's 19th-century intellectuals whose works were of major influence in the 19th and 20th centuries.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: one course in history or department permission

HIST 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: one course in history or department permission

HIST 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: one course in history or department permission

HIST 480 - The American Revolution

A survey of the transformation of the colonies into the United States of America, with emphasis on British policies and colonial response, the military and diplomatic conduct of the War for Independence, and the impact of the independence on the thirteen states. Attention to historical interpretations will be stressed.

Credit Hours: 3 hrs

Prerequisite: HIST 123

Class Restrictions: Junior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 481 - The Teaching of Social Studies

For intending teachers in junior and senior high schools. Examines the nature of the subjects included in social science in the public schools and the problems related to the teaching of history and other social studies. Not open to students on academic probation.

Credit Hours: 3 hrs

Prerequisite: CURR 305 and admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 482 - The Age of Washington and Jefferson

The formation of the new nation during the War for Independence, the creation of the Constitution, the Federalist era, the Republican administration through Madison's term in office, the War of 1812 and postwar diplomacy.

Credit Hours: 3 hrs

Prerequisite: HIST 123 or equivalent

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 486 - The United States as an Emerging World Power

The passing of the frontier after the Civil War, the Industrial Revolution, the big city and its problems, Populist revolt and Progressive reform, Imperialism and World War I.

Credit Hours: 3 hrs

Prerequisite: HIST 123, HIST 124 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

HIST 487 - Internship

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HIST 488 - Internship

Credit Hours: 3 hrs

HIST 489 - Internship

Credit Hours: 3 hrs

HIST 497 - Independent Study

Study on an individual basis in areas in which the department does not currently offer formal courses. These courses are restricted to highly proficient students. Students are limited to a maximum of three hours of independent study in history during any semester or session.

Credit Hours: 1 hr

Prerequisite: department permission

HIST 498 - Independent Study

Study on an individual basis in areas in which the department does not currently offer formal courses. These courses are restricted to highly proficient students. Students are limited to a maximum of three hours of independent study in history during any semester or session.

Credit Hours: 2 hrs

Prerequisite: department permission

HIST 499 - Independent Study

Study on an individual basis in areas in which the department does not currently offer formal courses. These courses are restricted to highly proficient students. Students are limited to a maximum of three hours of independent study in history during any semester or session.

Credit Hours: 3 hrs

Prerequisite: department permission

HIST 543 - Nationalism and Modernization in the Middle East and North Africa

The development of nationalism and modernization in the Middle East and North Africa from World War I to the present; political and social changes occurring in this developing area.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

HIST 547 - 19th Century Ideological Background of the Russian Revolution

Russian thought from the accession of Nicholas I (1825) until the Bolshevik Revolution. Major themes to be treated are the Slavophiles and Westernizers, socialism, anarchism, nihilism, populism, liberalism and conservatism.

Credit Hours: 3 hrs

Prerequisite: one course in modern European history

Notes: This is a graduate course in an undergraduate program.

HIST 550 - 20th Century Russia

Political, diplomatic, social and cultural developments in Russia from 1894 to the present.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

HIST 555 - Studies in Far Eastern History

Study of selected eras and topics in Far Eastern history. The topic selected will be announced in the time schedule.

Credit Hours: 2 hrs

Prerequisite: one course in Far Eastern history

Notes: This is a graduate course in an undergraduate program.

HIST 560 - Studies in Latin American History

An intensive investigation of selected political, economic, social and cultural topics in Latin American history. The specific topics and chronological coverage are announced in the class schedule.

Credit Hours: 2 hrs

Notes: This is a graduate program in an undergraduate program.

Jewish Studies

JSTS 177 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 1 hr

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 178 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 2 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 179 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 3 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 277 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 1 hr

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 278 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 2 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 279 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 3 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 377 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 1 hr

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 378 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 2 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 379 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 3 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 477 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 1 hr

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 478 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 2 hrs

Last Updated: New Course 06/2011, effective Fall 2011

JSTS 479 - Special Topics

A special topics course in Jewish Studies.

Credit Hours: 3 hrs

Last Updated: New Course 06/2011, effective Fall 2011

Philosophy

PHIL 100 - Introduction to Philosophy (Gen Ed Area IV)

An introduction to philosophy by the study of important philosophical thinkers, problems and methodologies.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 100 Introduction to Philosophy

For at least the preceding 2500 years, philosophical reflection has extended to all aspects of life, from politics, art and morality, to the very nature of knowledge and of existence itself. This course introduces students to the methods and strains of philosophical thinking that underlie the full range of human experience. Through the analysis of original philosophical texts, as well as the rich tradition of commentary on those texts, students in this course explore such fundamental questions as "What is the nature of truth?", "What is the ultimate nature of existence, e.g., is everything physical?", "How may a society best achieve justice?", and "What should be the role of art in our lives?". Introduction to Philosophy is also a skills course in that the serious investigation of issues such as those just listed enhances the analytic and critical skills required to address the intellectual and other challenges that inevitably complicate, and enrich, the lives of thoughtful human beings.

PHIL 110 - Philosophies of Life (Gen Ed Area IV)

An introduction to differing accounts of what constitutes a meaningful life and how an individual can attain it. Representative topics include the notions of pleasure, love, empathy and power as discussed by such writers as Plato, Epicurus, Nietzsche, Lao Tse and Buddha.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 110 Philosophies of Life

The traditions and methodology of philosophy can be introduced by the study of any of a number of specific fields within philosophy. This course, by probing the meaning of life, introduces students to the major methods and areas of philosophical thinking. This course permits students to study philosophical texts from around the world as well as the rich tradition of commentary on these texts. As an introduction to the discipline of philosophy, this course provides students with the opportunity to learn what the discipline of philosophy provides to one's overall intellectual development. More generally, its method is critical and analytical reasoning- habits of mind that everyone needs - and it addresses some of the most fundamental concepts in human thought- the nature of human reality, the meaning of life, and the life well-lived. Both the skills and concepts addressed in this course help students in their educations, careers and personal lives.

PHIL 120 - Introduction to Critical Reasoning (Gen Ed Area IV)

An introduction to the techniques of identifying and evaluating arguments. The emphasis will be on the enhancement of reasoning skills through the study of arguments in their natural setting in newspapers, political speeches, advertising, etc. The course also may include such related topics as fallacies, inductive reasoning and the logic of explanation in the social sciences.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 120 Introduction to Critical Reasoning

Critical reasoning is the methodology of philosophy, and philosophy is one of the central disciplines of the humanities. Critical reasoning is useful to everyone. It is the primary method used to analyze and evaluate the information we encounter daily. In this course, students learn to analyze written text from a variety of sources, to distinguish rhetoric from reason, and to distinguish good reasoning from bad. They are given opportunities to critique persuasive text from the history of philosophy to the rhetoric of talk television and to create arguments that stand up to vigorous critique. PHIL 120 *Introduction to Critical Reasoning* introduces students to philosophy by way of critical reasoning.

PHIL 130 - Introduction to Logic

An introduction to the analysis of arguments using the theory and techniques of formal logic. The theory underlies most formal systems, including computer applications. Students learn such concepts as deduction and induction and how to prove that arguments are valid or invalid.

Credit Hours: 3 hrs

PHIL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

PHIL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

PHIL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

PHIL 181 - Logic and Model Theory (Gen Ed Area III)

This course is designed to teach students the methods and principles of mathematical and philosophical logic, both deductive and inductive. Students will learn model theory, natural deduction, formal methods of proof and the methods and principles of inductive logic and probability.

Credit Hours: 3 hrs

Last Updated: Gen Ed 11/2011

PHIL 212 - Philosophy of Art (Gen Ed Area IV)

Can "art" be defined? Do artists owe a responsibility to society? Should works of art be primarily analyzed as "significant form" or as an expression of the artist's personality? Can we isolate a uniquely "aesthetic" attitude? Through considering such questions, the course introduces the student to philosophical reasoning and analysis.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 212 Philosophy of Art

In this course, students are introduced to a number of "theories of art" deriving from the Western Philosophical tradition, beginning with Plato's "Imitation Theory." Questions such as, "What makes something a work of art?", "What are the proper standards for judging works of art?", and, "What is the relation of art to the rest of society?," are explored. Through the study of competing answers to these and related questions, students learn about and learn to apply, the reflective and critical methodologies of Western Philosophy, e.g., conceptual analysis, criteria for the evaluation of explanatory theories and an array of critical thinking skills.

PHIL 215 - Philosophy of Religion (Gen Ed Area IV)

A philosophical study of the nature, goals and proper function of religion. Some possible topics are traditional arguments for the existence of God, grounds for disbelief in God, immortality, religious experience, the nature of religious language, the relation of science to religion, the role of faith and revelation, the connection between religion and ethics.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 215 Philosophy of Religion

Philosophy of Religion is an introduction to philosophy through the study of various aspects of religious belief, many of which have a direct bearing on the lives we choose to live. PHIL 215 *Philosophy of Religion* fulfills the humanities requirement of the *Knowledge of the Disciplines* category of the General Education Program because it is an introduction to the discipline of philosophy which enables students to discover what and how the content and methods of philosophical inquiry contribute to ones overall intellectual development. Generally, philosophic method develops ones critical reasoning abilities- skills transferable to many areas of ones life= and the philosophy of religion, in particular, applies these skills to some of the fundamental concepts involved in religious belief: whether God exists, and what difference our answer to this question plays in decisions we make regarding how we live our life.

PHIL 220 - Ethics (Gen Ed Area IV)

An introduction to the basic ethical theories and ethical problems in the Western philosophical tradition. Such problems may include: the nature of value, the justification of ethical decisions, the idea of obligation and the concept of human rights. Applications of ethical theory to specific ethical issues may concern both personal relationships and important contemporary issues.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 220 Ethics

PHIL 220 *Ethics* is an introduction to philosophy through the study of ethics, the area of philosophy that examines morality- right and wrong, good and evil, and the good life. This course introduces basic ethical theories from the Western philosophical tradition, comparing and contrasting their positions on contemporary moral issues. PHIL 220 *Ethics* fulfills the Humanities requirement of the Knowledge of the Disciplines category of the General Education Program because it is an introduction to the discipline of philosophy provides to ones overall intellectual development. more generally, its method is critical reasoning - a habit of mind that everyone needs- and it addresses some of the most fundamental concepts in human thought- the right and the good. Both the skills and concepts addressed in this course help students in their educations, careers and personal lives.

PHIL 221 - Business Ethics (Gen Ed Area IV)

A consideration of ethical questions regarding business practices in a global environment. Students will be introduced to ethical theory and critical reasoning. They will use these tools to critically examine the market system itself, as well as practices of multinational business. Students will explore the ethical responsibilities of corporations with regard to employees, consumers and other stakeholders.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 221 Business Ethics

PHIL 221 introduces students to the practices, methodologies and fundamental assumptions of philosophy through the study of global business ethics. Ethics is the area of philosophy that examines morality, and business ethics applies ethical theory to specific problems involving businesses. Students will formulate questions about the role of business in the world and its ethical responsibilities to employees, consumers and other stakeholders. PHIL 221 is a general education course because it is an introduction to philosophy through the study of global business ethics. It gives students the opportunity to learn what the study of philosophy provides to one's intellectual development. The methodology of the course is critical reasoning- a habit of mind that everyone needs- and the course addresses some of the most fundamental concepts in human thought- the right and the good. Both the skills and concepts addressed in this course help students in their educations, careers and personal lives.

PHIL 223 - Medical Ethics (Gen Ed Area IV)

An examination of the relationships between contemporary values in the medical profession and traditional ethical values. Students will investigate various ethical theories and critically examine controversial issues in medicine.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 223 Medical Ethics

PHIL 223 introduces student to the practices, methodologies and fundamental assumptions of philosophy through the study of medical ethics. Ethics is the area of philosophy that examines morality and medical ethics applies ethical theory to specific ethical problems within the practice of medicine. PHIL 223 is a general education course because it is an introduction to philosophy through the study of medical ethics. It gives students the opportunity to learn what the study of philosophy provides to one's intellectual development. The methodology of the course is critical reasoning - a habit of mind that everyone needs- and the course addresses some of the most fundamental concepts in human thought- the right and the good. Both the skills and concepts addressed in this course help students in their educations, careers and personal lives.

PHIL 224 - Ethics and Food (Gen Ed Area IV)

This course is an introduction to ethical issues involving food, its production and its distribution. After studying several ethical theories, students will apply those theories to food related ethical issues. Students will examine the industrialization of food production, the organic movement, the push for locally grown food, and the issue of global food distribution.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 224 Ethics and Food

PHIL 224 Ethics and Food introduces students to the practices, methodologies and fundamental assumptions of philosophy through the study of ethics and the application of ethics to our food choices. Whether we know it or not, every food choice we

make has ethical implications. Ethics is the are of philosophy that examines morality, and *Ethics and Food* applies ethical theory to specific ethical problems surrounding food. PHIL 224 *Ethics and Food* is an introduction to philosophy through the study of ethics. It gives student to opportunity to learn what the study of philosophy provides to ones intellectual development. The methodology of the course is critical reasoning - a habit of mind that everyone needs - and the course addresses some of the most fundamental concepts in human thought- the right and the good. Both the skills and concepts addressed in this course help students in their educations, careers and personal lives.

Last Updated: Updated Gen Ed 03/2012

PHIL 225 - Political Philosophy (Gen Ed Area IV)

Examines the philosophical bases of political ideology and theory through analysis of a variety of political theories, their component parts, and their basic assumptions. Examples may be taken from the works of such writers as Plato, Aristotle, Hobbes, Locke, Rousseau, Mussolini, Marx and Thoreau.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 225 Political Philosophy

Political philosophy is an area within the discipline of philosophy that examines concepts such as: the nature and extent of legitimate political authority, how to define political subjects and activities, theories of human nature, freedom, justice, equality, citizenship, power and the relationship between morality and the law. This course is a general education course in the Knowledge of the Disciplines, Humanities category, because it provides an introduction to the discipline of philosophy, its methodology and its contribution to the body of human knowledge. Students will acquire skills of critical reasoning and develop skills for evaluating and creating substantive arguments to support philosophical postilions. Developing such skills is central to the process of higher-education. Moreover, such skills will serves students throughout their educations across all disciplines, in their careers or in pursuing graduate or professional degrees, and in exercising their civic duties.

PHIL 226 - Feminist Theory (Gen Ed Area III, IV)

A consideration of philosophical issues concerning the nature and status of women. Readings from both traditional and contemporary sources. Topics may include scientific and religious views, the ideal society and women's place in it, varieties of feminism, views on sexuality, family and reproduction, and work and the economy.

Credit Hours: 3 hrs

Cross-Listed with: WGST 226

Area III: Perspectives on a Diverse World

PHIL 226 Feminist Theory [was PHIL/WMST226]

Gender is one of the principal characteristics determining identity and life experience for human beings. This course takes a philosophical approach to gender, examining beliefs about women and men from a wide variety of cultural and political perspectives. We consider both traditional justifications of the differential treatment of women and men in such institutions as marriage and family, as well as theories that challenge these traditional views. *PHIL226 Feminist Theory* fulfills the Global Awareness requirement of the General Education Program because it considers a wide range of practices and beliefs about gender from across the globe, with an emphasis on the intellectual and ethical complexities of understanding and judging gendered practices in cultures other than our own. Gender is one of the principal characteristics determining identity and life experience for human beings. This course takes a philosophical approach to gender, examining beliefs about women and men from a wide variety of cultural and political perspectives. We consider both traditional justifications of the differential treatment of women and men in such institutions as marriage and family, as well as theories that challenge these traditional views. This course is a general education course in the knowledge of the disciplines because it provides an introduction to the discipline of philosophy

through the concept of gender, its methodology and its contribution to the body of human knowledge. Students will acquire skills or critical reasoning and develop skills for evaluating and creating substantive arguments to support philosophical positions. Developing such skills is central to the process of higher-education. Moreover, such skills will serve students throughout their educations across all disciplines, in their careers or in pursuing graduate or professional degrees and in exercising their civic duties.

Area IV: Knowledge of the Disciplines

PHIL 226 Feminist Theory [was PHIL/WMST 226]

Gender is one of the principal characteristics determining identity and life experience for human beings. This course takes a philosophical approach to gender, examining beliefs about women and men from a wide variety of cultural and political perspectives. We consider both traditional justifications of the differential treatment of women and men in such institutions as marriage and family, as well as theories that challenge these traditional views. This course is a general education course in the knowledge of the disciplines because it provides an introduction to the discipline of philosophy through the concept of gender, its methodology, and its contribution to the body of human knowledge. Students will acquire skills of critical reasoning and develop skills for evaluating and creating substantive arguments to support philosophical positions. Developing such skills is central to the process of higher-education. Moreover, such skills will serve students throughout their educations across all disciplines, in their careers or in pursuing graduate or professional degrees and in exercising their civic duties.

Last Updated: Links 04/2011

PHIL 228 - Global Ethics (Gen Ed Area III, IV)

An exploration of major ethical traditions from around the world in their application to particular moral issues such as reproduction, the environment, war, punishment, human rights, development, biomedical issues and euthanasia.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

PHIL228 Global Ethics

Philosophy is one of the fundamental disciplines of the Humanities. The traditions and methodology of philosophy can be introduced by the study of any a number of specific fields within philosophy. *PHIL228 Global Ethics* is an introduction to philosophy through the study of ethics, the area of philosophy that examines morality - right and wrong, good and evil, and the good life. This course focuses on a wide range of ethical systems from around the world, comparing and contrasting their positions on contemporary moral issues. *PHIL228 Global Ethics* fulfills the Humanities requirement of the knowledge of the disciplines category of the General Education Program because it is an introduction to the discipline of philosophy that provides students the opportunity to learn what the discipline of philosophy provides to one's overall intellectual development. More generally, its method is critical reasoning, a habit of mind that everyone needs, and it addresses some of the most fundamental concepts in human thought, the right and the good. Both the skills and concepts addresses in this course help students in their educations, careers and personal lives.

Area IV: Knowledge of the Disciplines

PHIL 228 Global Ethics

Philosophy is one of the fundamental disciplines of the humanities. The traditions and methodology of philosophy can be introduced by the study of any of a number of specific fields within philosophy. PHIL 228 Global Ethics is an introduction to philosophy through the study of ethics, the area of philosophy that examines morality- right and wrong, good and evil, the good life. This course focuses on a wide range of ethical systems from around the world, comparing and contrasting their positions on contemporary moral issues. PHIL 228 *Global Ethics* fulfills the humanities requirement of the knowledge of the disciplines category of the General Education Program because it is an introduction to the discipline of philosophy that provides student the opportunity to learn what the discipline of philosophy provides to ones overall intellectual development. More generally, its

method is critical reasoning- a habit of mind that everyone needs- and it addresses some of the most fundamental concepts in human thought- the right and the good. Both the skills and concepts addressed in this course help students in their educations, careers and personal lives.

PHIL 229 - Environmental Ethics (Gen Ed Area IV)

A course addressing ethical and other philosophical issues concerning the environment. The course introduces philosophical perspectives on the environment from a variety of traditions and perspectives, and applies these perspectives to such issues as climate change, animals rights, preservation, pollution, sustainability, population, energy and future generations.

Credit Hours: 3 hrs

Last Updated: Gen Ed Approval 11/2011, effective Fall 2011; New Course 03/2011, effective Spring 2011

PHIL 260 - Existentialism (Gen Ed Area IV)

An examination of contemporary existentialist thought about the nature of reality and human existence as reflected in the works of such philosophers as Marcel, Heidegger, Sartre and Camus and the sources of existentialism as found in the works of Kierkegaard and Nietzsche.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PHIL 260 Existentialism

This course is an introduction to philosophy by the study of Existentialism. Existentialism explores major topics in the field of philosophy: the nature of humanity, the possibilities of human freedom, the meaning of life and the nature of reality. Existentialism is a story of significant philosophical rebellions, united by common themes throughout the nineteenth and twentieth centuries. In the quest to redefine human nature and human freedom, existential texts challenge the authority of Judeo-Christian religion, traditional views of the laws of nature, conventional and philosophical notions of truth and the notion of objective morality. Students study the social context of these philosophical rebellions and discover the ways that existentialism continues to transform society by its persistent challenge to ideological authority and to mass social movements. The traditional method of philosophy, critical and analytical reasoning is taught in this course. Students develop habits of mind and writing skills that enable them to develop and critique philosophical arguments.

PHIL 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

PHIL 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

PHIL 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Last Updated: Removed Gen Ed 03/2012

PHIL 281 - Symbolic Logic

An introduction to the notation and proof procedures of symbolic logic with emphasis upon the clarification and development of the notion of a formal language.

Credit Hours: 3 hrs

PHIL 291 - Introduction to Asian Philosophy (Gen Ed Area III)

This course is an overview of the rich philosophical traditions of South and East Asia. The course will introduce a number of major philosophers, texts, and movements across Hindu, Buddhist and Chinese/Japanese Traditions.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

PHIL291 Introduction to Asian Philosophy

Rationale for inclusion in Global Awareness: Global awareness courses are designed to expose students to issues influencing diverse cultures around the world. In this course, we will go beneath specific issues to address the very foundations of cultures. Specific issues within a culture arise within a specific cultural milieu and this milieu stands on philosophical foundations that distinguish it from other cultures. We will isolate the philosophical presuppositions of a variety of Asian cultures, focusing on their assumptions about the make-up of the world, how human beings fit into this make-up, how knowledge is formed within this framework, what the optimal goals of the human being are, and how, based on these presuppositions, human beings should best act in the world in order to achieve their goals. It will be important to discern how these philosophical foundations can play a role when covering specific contemporary issues and the roles they play when two cultures with contrasting philosophical foundations meet. Introduction to Asian Philosophy provides students with the opportunity to study the foundational cultures of several Asian societies. These cultures are based on philosophical assumptions that differ radically and in important ways form the common assumptions that people from other cultural traditions bring to living in the world. By understanding these philosophies, students will achieve both a foundational knowledge of the cultures and a sensitivity to diverse points of view. We will directly engage the texts of these traditions, which are broadly: Hinduism, Buddhism, Confucianism and Daoism.

PHIL 310W - Aesthetics (Gen Ed Area I, W)

A study of philosophical issues relating to works of art and other aesthetic objects. Possible topics include the nature of aesthetic attitude, evaluation, aesthetic meaning and truth, expression in art, the nature of a work of art and basic value of art, the kinds of concepts used to talk about the arts.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130

Last Updated: Links 04/2011

PHIL 325W - Theory of Knowledge (Gen Ed Area I, W)

An investigation of the nature, scope and limits of knowledge. Some possible topics are the connection between belief and knowledge, knowledge of other people's minds, the reliability of memory, the possibility of certainty in knowledge, theories of truth.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 330W or PHIL 331W

Last Updated: Links 04/2011

PHIL 326 - Philosophy & Sexuality

This course applies philosophical methods to ethical, political, and conceptual questions related to sexual preference and identity, including: What is the ethical status of homosexuality? Should same sex marriage be legal? What groups does/should "LGBT"(etc)"seek to identify? Who is "queer"? What is the relation between feminism and the liberation of sexual minorities?

Credit Hours: 3 hrs

Prerequisite: One PHIL course excluding PHIL 120 and PHIL 130

Cross-Listed with: WGST 326

Course Revisions:

Course approved for General Education - Writing Intensive, effective Winter 2013

Last Updated: New Course, 11/2012, effective Winter 2013

PHIL 330W - History of Philosophy: Ancient (Gen Ed Area I, W)

A study of important philosophical developments in western thought from the pre-Socratics through Aristotle. Covers the pre-Socratics, Socrates, Plato and Aristotle.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130

Last Updated: Links 04/2011

PHIL 331W - History of Philosophy: Modern (Gen Ed Area I, W)

A study of important philosophical developments in Europe from the Renaissance to the early 19th century. Covers such figures as Descartes, Spinoza, Leibnitz, Hobbes, Locke, Berkeley, Hume and Kant.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130

Last Updated: Links 04/2011

PHIL 332W - History of Philosophy: 19th Century (Gen Ed Area I, W)

An introduction to the major philosophical themes of the 19th century that dominate 20th century European thought. These themes include the collapse of German Idealism and Romanticism, the death of God, the nature of historical process, evolutionary theory and the implications of these themes for the concept of human freedom.

Credit Hours: 3 hrs

Prerequisite: one course in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 330W or PHIL 331W

Last Updated: Links 04/2011

PHIL 355W - Philosophy of Law (Gen Ed Area I, W)

A consideration of philosophical questions about the law such as: What sorts of behavior should be illegal? What is punishment supposed to accomplish? When are we justified in punishing a person? How do judges arrive at decisions? Are there really legal principles that cover all the hard cases judges must deal with or do they use their own personal moral values? What is a legal system and how does it differ from a moral code?

Credit Hours: 3 hrs

Last Updated: Links 04/2011

PHIL 370W - Philosophy and Narrative (Gen Ed Area I, W)

This course will focus on philosophical issues relevant to one or more of the following topic areas: philosophical issues in literature and film, theories of drama and performance, the politics of narrative, and recent hermeneutical theory.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 260, PHIL 332W or PHIL 390W

Last Updated: Links 04/2011

PHIL 375W - Metaphysics (Gen Ed Area I, W)

A study of questions concerning basic structure and ultimate nature of reality. Possible topics include universals and particulars, space and time, determinism and freedom, the self, materialism, idealism, substance and process.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130

Last Updated: Links 04/2011

PHIL 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 390W - Phenomenology (Gen Ed Area I, W)

The course attempts to trace the history and development of the phenomenological movement from its origins in the notion of the intentionality of consciousness, beginning with the work of Edmund Husserl and continuing with the later "existential" developments in the field by such thinkers as Heidegger, Sartre and Merleau-Ponty. The course also will study the impact of phenomenology on such varied fields as psychology, sociology and literature.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 331W or PHIL 260

Last Updated: Links 04/2011

PHIL 391W - Early Chinese Philosophy (Gen Ed Area I, W)

This course is an in-depth study of the major Chinese philosophical texts, which were seminal with regard to the subsequent 2000 years of Chinese thought and culture and which are still relevant to contemporary philosophical concerns. Possible texts include: Sunzi's Art of War, the Yijing, Confucius' Analects, Laozi Daodejing, Zhuangzi, Mencius and Xunzi.

Credit Hours: 3 hrs

Previously Listed As: Philosophy of Early China

Rationale: Students will complete frequent, short writing assignments tied to daily reading assignments, and two of those short writing assignments will be expanded into longer term papers. In the writing assignments, students will pose and answer questions regarding the content of the readings. Students will have the opportunity to also present these questions and answers orally in class and will choose from among these issues for development into standard analytic expository essays, which will also be presented in summary form orally in class.

Historically, there are many kinds of philosophical writing, from analytical essays, to aphorisms, to dialogues, but only one kind is generally accepted in academic circles today: defending a thesis. There are many kinds of these, such as interpreting a concept, refuting an argument in print elsewhere, offering a new perspective on a controversy or concept, and problematizing a generally accepted viewpoint or presupposition. In this class, students will work on the process of developing and defending a thesis.

Last Updated: 2/11/11; effective Fall 2011

PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W)

An examination of gender and its relationship to other issues from a philosophical perspective. Possible topics include rationality, sexuality, aesthetics, ethics and political theory.

Credit Hours: 3 hrs

Prerequisite: Two courses in philosophy other than PHIL 120 or PHIL 130

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Cross-Listed with: WGST 426W

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHIL 429W - Topics in Environmental Philosophy

An advanced course that explores the philosophical aspects of topics related to nature, the environment, and/or animal life. Possible topics include: justice and the environment, ethical aspects of climate change, sustainability, conceptions of nature, the human place in nature, the philosophy of ecological restoration, and/or animals.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

PHIL 429W Topics in Environmental Philosophy

This course is a writing intensive course in the philosophy program. Students will compose at least two essay exams and write a substantial philosophical paper. The essay exams will be devoted to understanding and critiquing arguments put forward by the authors studied in class. The substantial paper is a reasoned defense of a thesis. To fulfill the requirements of the paper, students will choose an issue with clear philosophical significance relating to the content of the course, formulate a thesis with respect to the issue, and defend that thesis.

A writing intensive course in philosophy offers students a unique opportunity to hone their analytical skills and to refine their capacity for self-expression through writing. The capstone term paper for this course provides a context for students to penetrate beyond superficial analyses of philosophical problems and to sort out their own view on some interesting, and often difficult, questions and problems. Although it takes many years to achieve deep understanding of philosophical questions and problems, this course is intended to provide a supportive context for students to make meaningful progress toward that goal.

Last Updated: Gen Ed Approval 08/2012, effective Winter 2013; New Course and Graduate Credit 03/2012

PHIL 442W - Philosophy of Mind (Gen Ed Area I, W)

A philosophical study of the nature of mind. Examines the logical relations among mental concepts such as consciousness, choice, intention, emotion, feeling, the unconscious; also treats human action, and the possibility and meaning of an adequate explanation of psychological phenomena.

Credit Hours: 3 hrs

Prerequisite: Two courses in philosophy other than PHIL 120 or PHIL 130

Last Updated: Links 04/2011

PHIL 460W - Philosophy of Language (Gen Ed Area I, W)

An examination of the philosophically important aspects of language. Possible topics include theories of meaning, analysis of referring and predication, the relation between language and reality, analysis of vagueness and metaphor, the role of language in philosophical method, the relation between language and necessary truth.

Credit Hours: 3 hrs

Prerequisite: Two courses in philosophy

Last Updated: Links 04/2011

PHIL 470W - Twentieth Century European Philosophy (Gen Ed Area I, W)

An exploration of recent developments in European thought. Possible topics include post-structuralist evaluations of Western institutions and ideas, post-Marxist critical theory, the hermeneutic effort to establish interpretation as the basis of philosophical understanding, and the effect of deconstructive thought on philosophy and literature.

Credit Hours: 3 hrs

Prerequisite: two courses in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 332W, PHIL 260 or PHIL 390W

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHIL 471W - Early Analytic Philosophy (Gen Ed Area I, W)

An examination of some of the major philosophical developments in England and the United States since approximately 1900. Considers logical atomism, logical positivism, pragmatism and ordinary language philosophy as reflected in the works of such philosophers as Russell, Carnap, Ayer, James, Dewey, Ryle, Austin, Quine and Wittgenstein.

Credit Hours: 3 hrs

Prerequisite: two courses in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 331W

Last Updated: Links 04/2011

PHIL 475W - Philosophy of Mathematics (Gen Ed Area I, W)

This course focuses on philosophical issues in mathematics. What, if anything, is mathematics about? Are there mathematical truths? If so, how can we know them? What is the correct methodology of mathematics? Are the principles of mathematics independent of mind and language? Students will read both classic and contemporary works in the philosophy mathematics.

Credit Hours: 3 hrs

Prerequisite: PHIL 130, PHIL 281, or department permission

Last Updated: Links 04/2011

PHIL 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 480W - Philosophy of Science (Gen Ed Area I, W)

A systematic examination of the main philosophical problems raised by the results and methods of the physical and social sciences. Topics include the problem of meaning, measurement, the interpretation of probability statements, the justification of induction, the concept of cause, the laws of nature, description and explanation, determinism and indeterminism.

Credit Hours: 3 hrs

Prerequisite: One course in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 325W

Previously Listed As: PHIL 380W - Philosophy of Science

Last Updated: Course Number Change 02/2012, effective Fall 2012; Links 04/2011

PHIL 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Restricted to juniors and seniors majoring or minoring in philosophy.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Restricted to juniors and seniors majoring or minoring in philosophy.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHIL 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course. Restricted to juniors and seniors majoring or minoring in philosophy.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Mathematics Programs and Courses

Mathematics

Major

Actuarial Science and Economics Major - Mathematics

Actuarial science and economics is a joint program of the Mathematics and Economics departments. In addition to following a prescribed series of courses, students are expected to pass the first two actuarial examinations. The examinations are sponsored by leading actuarial societies and administered in numerous U.S. locations. MATH 372 and MATH 472 are designed to prepare students for these examinations.

All majors must meet with the undergraduate advising coordinator in the Department of Mathematics to fill out a program sheet before graduation. At least 15 credit hours in the program at the 300 level or above must be taken at Eastern Michigan University.

Mathematics Department Information:

Department Head: Christopher Gardiner
Department Contact: cgardiner@emich.edu
Website: www.emich.edu/math/

Adviser Information:

Program Adviser: John Curran
Email: jcurran3@emich.edu
Phone: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program. [Download the Gen Ed Checklist here.](#)

Major Requirements: 61 hours

Required Courses: 12 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs

One course from the following:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 120 - Computational Principles for Mathematics and the Sciences 3 hrs

One course from the following:

- ECON 361 - Financial Economics 3 hrs
- FIN 350 - Principles of Finance 3 hrs

Required Mathematics Courses: 25 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 370 - Probability and Statistics I 3 hrs
- MATH 372 - Problems in Actuarial Studies I 2 hrs
- MATH 471 - Probability and Statistics II 3 hrs
- MATH 472 - Problems in Actuarial Studies II 2 hrs

Required Economics Courses: 18 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs
- ECON 412 - Intermediate Microeconomic Analysis 3 hrs
- ECON 405 - Economic Analysis for Business 3 hrs
- ECON 415 - Introduction to Econometrics 3 hrs

Restricted Elective Courses: 6 hours

Any combination of electives from:

- Courses at the 300-level or above in mathematics
- ECON 340 - Money and Banking 3 hrs
- ECON 445 - Economic Fluctuations and Forecasting 3 hrs
- ECON 455W - Cost-Benefit Analysis (Gen Ed Area I, W) 3 hrs

Minor Requirements:

This program does not require a minor.

Course Rotation Schedule

[Click here to access the Course Rotation Schedules page for the courses required for this program.](#)

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Mathematics Major

Elementary Teacher Certification

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. This program of study meets all requirements of the National Council of Teachers of Mathematics. At least nine hours of the major must be completed at Eastern Michigan University. The Michigan Test for Teacher Certification (MTTC) covering this Certification tests #103 and #104. The endorsement test for Mathematics Elementary is MTTC #089.

Mathematics Department Information:

Department Head: Christopher Gardiner
 Department Contact: cgardiner@emich.edu
 Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Barbara Britton
 Email: bbritton@emich.edu

Program Adviser: Barbara Leopard
 Email: bleopard@emich.edu

Program Adviser: Carla Tayeh
 Email: ctayeh@emich.edu

Phone Number for Advisers: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs

- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Content Requirements: 30 hours

Required Courses: 22 hours

- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 210 - Algebra for Elementary/Middle School Teachers 3 hrs
- MATH 240 - Geometry for Elementary/Middle School Teachers 3 hrs
- MATH 301 - Advanced Topics in Elementary Mathematics 3 hrs

One of the following:

- * MATH 401 - Mathematics and Its History for Elementary/Middle School Teachers 3 hrs
- * MATH 403 - Current Research in Elementary School Mathematics 3 hrs

Restricted Elective Courses: 8 hours

Eight hours from the following, with at least three hours at the 300-or 400-level:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 118 - Linear Models and Probability (Gen Ed Area II) 3 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- MATH 382 - Technology in the Mathematics Classroom 3 hrs
- * MATH 401 - Mathematics and Its History for Elementary/Middle School Teachers 3 hrs

- * MATH 403 - Current Research in Elementary School Mathematics 3 hrs

Course Rotation Schedule

Click [here](#) to access the Course Rotation Schedules page for the courses required for this program.

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- * PRCT 310 - Practicum II: Elementary 3 hrs
- * RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

* MATH 401 and MATH 403 may each only be taken for credit in this major once. Each course may be taken as either a required course or a restricted elective; these courses do not double-count.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Mathematics Major

All majors must fill in a program sheet before graduation — see the undergraduate advising coordinator. At least nine credit hours in the major, at 300-level or above, must be taken at Eastern Michigan University.

Mathematics Department Information:

Department Head: Christopher Gardiner
 Department Contact: cgardiner@emich.edu
 Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Jay Ramanathan
 Email: jramanath@emich.edu

Program Adviser: Gisela Ahlbrandt
 Email: gahlbrand@emich.edu

Program Adviser: Tim Carroll
 Email: tcarroll@emich.edu

Phone Number for Advisers: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

One course from the following:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 120 - Computational Principles for Mathematics and the Sciences 3 hrs

Major Requirements: 36 hours

Required Courses: 24 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 211 - Introduction to Mathematical Proof 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 370 - Probability and Statistics I 3 hrs

One course from the following:

- MATH 411 - Abstract Algebra 3 hrs
- MATH 416 - Linear Algebra 3 hrs
- MATH 420 - Introduction to Real Analysis 3 hrs

Restricted Elective Courses: 12 hours

Twelve hours from the following:

- MATH 311W - Mathematical Problem Solving (Gen Ed Area I, W) 3 hrs
- MATH 319 - Mathematical Modeling 3 hrs
- MATH 325 - Differential Equations 3 hrs
- MATH 341 - College Geometry 3 hrs
- MATH 372 - Problems in Actuarial Studies I 2 hrs
- MATH 407 - Elementary Number Theory 3 hrs
- MATH 409 - Cryptology 3 hrs
- MATH 411 - Abstract Algebra 3 hrs
- MATH 416 - Linear Algebra 3 hrs
- MATH 418 - Modeling with Linear Algebra 3 hrs
- MATH 419W - Introduction to Stochastic Mathematical Modeling (Gen Ed Area I, W) 3 hrs
- MATH 420 - Introduction to Real Analysis 3 hrs
- MATH 424 - Introduction to Complex Variables 3 hrs
- MATH 425 - Mathematics for Scientists 3 hrs

- MATH 430 - Introduction to Stochastic Calculus 3 hrs
- MATH 436 - Introduction to Numerical Analysis 3 hrs
- MATH 460 - Applied Survey Sampling 3 hrs
- MATH 461 - Linear Regression Analysis 3 hrs
- MATH 462 - Design and Analysis of Experiments 3 hrs
- MATH 468 - Introduction to Biostatistics 3 hrs
- MATH 469 - Introduction to Categorical Data Analysis 3 hrs
- MATH 471 - Probability and Statistics II 3 hrs
- MATH 472 - Problems in Actuarial Studies II 2 hrs
- MATH 474W - Applied Statistics (Gen Ed Area I, W) 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Course Rotation Schedule

[Click here](#) to access the Course Rotation Schedules page for the courses required for this program.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Any change to this program must be approved and proper paper work submitted before that change can be considered for graduation.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Mathematics Major with Concentration in Statistics

All majors must fill in a program sheet before graduation — see the undergraduate advising coordinator. At least nine hours in the major, at 300-level or above, must be taken at Eastern Michigan University.

Mathematics Department Information:

Department Head: Christopher Gardiner
 Department Contact: cgardiner@emich.edu
 Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Tanweer Shapla
Email: tshapla@emich.edu
Phone: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

One course from the following:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 120 - Computational Principles for Mathematics and the Sciences 3 hrs

Major Requirements: 36 hours

Required Courses: 27 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 360 - Statistical Methods 3 hrs
- MATH 461 - Linear Regression Analysis 3 hrs
- MATH 462 - Design and Analysis of Experiments 3 hrs
- MATH 474W - Applied Statistics (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 9 hours

At least nine hours from the following electives, with at least six hours from the statistics electives:

Statistics Elective Courses

- MATH 370 - Probability and Statistics I 3 hrs
- MATH 468 - Introduction to Biostatistics 3 hrs
- MATH 469 - Introduction to Categorical Data Analysis 3 hrs
- MATH 471 - Probability and Statistics II 3 hrs

Mathematics Elective Courses

- MATH 211 - Introduction to Mathematical Proof 3 hrs
- MATH 319 - Mathematical Modeling 3 hrs
- MATH 372 - Problems in Actuarial Studies I 2 hrs

- MATH 416 - Linear Algebra 3 hrs
- MATH 419W - Introduction to Stochastic Mathematical Modeling (Gen Ed Area I, W) 3 hrs
- MATH 420 - Introduction to Real Analysis 3 hrs
- MATH 436 - Introduction to Numerical Analysis 3 hrs
- MATH 472 - Problems in Actuarial Studies II 2 hrs

Course Rotation Schedule

Click [here](#) to access the Course Rotation Schedules page for the courses required for this program.

Minor Requirements: 20 hours

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Mathematics Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in mathematics, certification code EX, and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the National Council of Teachers of Mathematics. The Michigan Test for Teacher Certification (MTTC) covering this field is #022, "Mathematics (Secondary)."

All majors must fill in a program sheet before graduation — see the undergraduate advising coordinator. At least nine hours in the major, at 300-level or above, must be taken at Eastern Michigan University.

Mathematics Department Information:

Department Head: Christopher Gardiner
 Department Contact: cgardiner@emich.edu
 Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Barbara Leapard
Email: bleapard@emich.edu

Program Adviser: Ron Carlson
Email: rcarlso6@emich.edu

Program Adviser: Carla Tayeh
Email: ctayeh@emich.edu

Program Adviser: Steve Blair
Email: sblair6@emich.edu

Program Adviser: Stephanie Casey
Email: scasey1@emich.edu

Phone Number for Advisers: 734.487.1444

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 36 hours

Required Area Courses: 30 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 211 - Introduction to Mathematical Proof 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 305 - Technology as a Problem Solving Tool for Secondary Teachers 3 hrs
- MATH 341 - College Geometry 3 hrs
- MATH 360 - Statistical Methods 3 hrs
- MATH 411 - Abstract Algebra 3 hrs

Restricted Elective Courses: 6 hours

Six hours from the following:

- MATH 319 - Mathematical Modeling 3 hrs
- MATH 325 - Differential Equations 3 hrs
- MATH 372 - Problems in Actuarial Studies I 2 hrs
- MATH 400 - History and Development of Mathematics 3 hrs

- MATH 407 - Elementary Number Theory 3 hrs
- MATH 416 - Linear Algebra 3 hrs
- MATH 420 - Introduction to Real Analysis 3 hrs
- MATH 424 - Introduction to Complex Variables 3 hrs
- MATH 425 - Mathematics for Scientists 3 hrs
- MATH 471 - Probability and Statistics II 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Mathematics Majors take:

- MATH 306W - Teaching Mathematics in Secondary School (Gen Ed Area I, W) 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements: 20-24 hours

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Course Rotation Schedule

Click [here](#) to access the Course Rotation Schedules page for the courses required for this program.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Elementary Education Mathematics Minor

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. This program of study meets all requirements of the

National Council of Teachers of Mathematics. At least nine hours of the major must be completed at Eastern Michigan University. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and # 104. The endorsement test for Mathematics Elementary is MTTC #089.

Mathematics Department Information:

Department Head: Christopher Gardiner
Department Contact: cgardiner@emich.edu
Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Barbara Britton
Email: bbritton@emich.edu

Program Adviser: Barbara Leopard
Email: bleopard@emich.edu

Program Adviser: Carla Tayeh
Email: ctayeh@emich.edu

Phone Number for Advisers: 734.487.1444

Required Courses: 15 hours

- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- MATH 210 - Algebra for Elementary/Middle School Teachers 3 hrs
- MATH 240 - Geometry for Elementary/Middle School Teachers 3 hrs
- MATH 301 - Advanced Topics in Elementary Mathematics 3 hrs

Restricted Elective Courses: 5 hours

Five hours from the following, with at least three hours at the 300-or 400-level:

- MATH 118 - Linear Models and Probability (Gen Ed Area II) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- MATH 382 - Technology in the Mathematics Classroom 3 hrs
- MATH 401 - Mathematics and Its History for Elementary/Middle School Teachers 3 hrs
- MATH 403 - Current Research in Elementary School Mathematics 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs

Minor Total: 20 hours

Course Rotation Schedule

Click here to access the Course Rotation Schedules page for the courses required for this program.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Mathematics Minor

All minors must fill in a program sheet before graduation — see the undergraduate advising coordinator. At least six hours in the minor, at 300-level or above, must be taken at Eastern Michigan University

Mathematics Department Information:

Department Head: Christopher Gardiner
Department Contact: cgardiner@emich.edu
Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Jay Ramanathan
Email: jramanath@emich.edu

Program Adviser: Gisela Ahlbrandt
Email: gahlbrand@emich.edu

Program Adviser: Tim Carroll
Email: tc Carroll@emich.edu

Phone Number for Advisers: 734.487.1444

Additional Requirements: 3 hours

One course from the following:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 120 - Computational Principles for Mathematics and the Sciences 3 hrs

Required Courses: 14 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs

One course from the following:

- MATH 211 - Introduction to Mathematical Proof 3 hrs
- MATH 360 - Statistical Methods 3 hrs

- MATH 370 - Probability and Statistics I 3 hrs

Restricted Elective Courses: 6 hours

Six credit hours from the following:

- * MATH 205 - Mathematical Structures for Computer Science 4 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 311W - Mathematical Problem Solving (Gen Ed Area I, W) 3 hrs
- MATH 319 - Mathematical Modeling 3 hrs
- MATH 325 - Differential Equations 3 hrs
- MATH 341 - College Geometry 3 hrs
- ** MATH 360 - Statistical Methods 3 hrs
- ** MATH 370 - Probability and Statistics I 3 hrs
- MATH 372 - Problems in Actuarial Studies I 2 hrs
- MATH 407 - Elementary Number Theory 3 hrs
- MATH 409 - Cryptology 3 hrs
- MATH 411 - Abstract Algebra 3 hrs
- MATH 416 - Linear Algebra 3 hrs
- MATH 419W - Introduction to Stochastic Mathematical Modeling (Gen Ed Area I, W) 3 hrs
- MATH 418 - Modeling with Linear Algebra 3 hrs
- MATH 420 - Introduction to Real Analysis 3 hrs
- MATH 424 - Introduction to Complex Variables 3 hrs
- MATH 425 - Mathematics for Scientists 3 hrs
- MATH 430 - Introduction to Stochastic Calculus 3 hrs
- MATH 436 - Introduction to Numerical Analysis 3 hrs
- MATH 460 - Applied Survey Sampling 3 hrs
- MATH 461 - Linear Regression Analysis 3 hrs
- MATH 462 - Design and Analysis of Experiments 3 hrs
- MATH 468 - Introduction to Biostatistics 3 hrs
- MATH 469 - Introduction to Categorical Data Analysis 3 hrs
- MATH 471 - Probability and Statistics II 3 hrs

Minor Total: 23 hours

Course Rotation Schedule

Click [here](#) to access the Course Rotation Schedules page for the courses required for this program.

Note:

* *Students can not count both MATH 205 and MATH 211 toward the minor.*

** *It is not permitted to count both MATH 360 and MATH 370 on the minor.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Mathematics Minor with Concentration in Statistics

All minors must fill in a program sheet before graduation — see the undergraduate advising coordinator. At least six hours in the minor, at 300-level or above, must be taken at Eastern Michigan University.

Mathematics Department Information:

Department Head: Christopher Gardiner
Department Contact: cgardiner@emich.edu
Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Tanweer Shapla
Email: tshapla@emich.edu
Phone: 734.487.1444

Additional Requirements: 3 hours

One course from the following:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 120 - Computational Principles for Mathematics and the Sciences 3 hrs

Required Courses: 14 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs

One course from the following:

- MATH 360 - Statistical Methods 3 hrs
- MATH 370 - Probability and Statistics I 3 hrs

Restricted Elective Courses: 9-10 hours

Nine hours from among the following, at least six of which must be taken from the statistics elective courses:

Statistics Elective Courses

- MATH 460 - Applied Survey Sampling 3 hrs
- MATH 461 - Linear Regression Analysis 3 hrs
- MATH 462 - Design and Analysis of Experiments 3 hrs
- MATH 468 - Introduction to Biostatistics 3 hrs

- MATH 469 - Introduction to Categorical Data Analysis 3 hrs
- MATH 471 - Probability and Statistics II 3 hrs
- MATH 474W - Applied Statistics (Gen Ed Area I, W) 3 hrs

Mathematics Elective Courses

- * MATH 205 - Mathematical Structures for Computer Science 4 hrs
- * MATH 211 - Introduction to Mathematical Proof 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs

Minor Total: 26-27 hours

Course Rotation Schedule

[Click here to access the Course Rotation Schedules page for the courses required for this program.](#)

Note:

** Students can not count both MATH 205 and MATH 211 toward the minor.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Mathematics Minor

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in mathematics, certification code EX, and, depending on the major selected, an additional endorsement. This program of study meets all requirements of the National Council of Teachers of Mathematics. The Michigan Test for Teacher Certification (MTTC) covering this field is #022, "Mathematics (Secondary)."

All minors must fill in a program sheet before graduation - see the undergraduate advising coordinator. At least six hours in the major at 300-level or above, not including MATH 306W, must be taken at Eastern Michigan University.

Mathematics Department Information:

Department Head: Christopher Gardiner
 Department Contact: cgardiner@emich.edu
 Website: www.emich.edu/math/

Adviser Information:

Program Adviser: Barbara Leopard
 Email: bleopard@emich.edu

Program Adviser: Ron Carlson
Email: rcarlso6@emich.edu

Program Adviser: Carla Tayeh
Email: ctayeh@emich.edu

Program Adviser: Steve Blair
Email: sblair6@emich.edu

Program Adviser: Stephanie Casey
Email: scasey1@emich.edu

Phone Number for Advisers: 734.487.1444

Required Courses: 26 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 211 - Introduction to Mathematical Proof 3 hrs
- MATH 305 - Technology as a Problem Solving Tool for Secondary Teachers 3 hrs
- MATH 341 - College Geometry 3 hrs
- MATH 360 - Statistical Methods 3 hrs

One course from the following:

- MATH 304 - Middle School Mathematics Methods and Content 3 hrs
- MATH 306W - Teaching Mathematics in Secondary School (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 3 hours

Three credit hours from the following:

- MATH 223 - Multivariable Calculus 4 hrs
- MATH 319 - Mathematical Modeling 3 hrs
- MATH 325 - Differential Equations 3 hrs
- MATH 400 - History and Development of Mathematics 3 hrs
- MATH 407 - Elementary Number Theory 3 hrs
- MATH 411 - Abstract Algebra 3 hrs
- MATH 416 - Linear Algebra 3 hrs
- MATH 420 - Introduction to Real Analysis 3 hrs
- MATH 424 - Introduction to Complex Variables 3 hrs

Minor Total: 29 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Course Rotation Schedule

Click [here](#) to access the Course Rotation Schedules page for the courses required for this program.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Mathematics

MATH 097 - Pre-College Mathematical Concepts

A mastery-based developmental mathematics course designed to prepare students for a developmental algebra course; covers beginning mathematical concepts and skill development in a supportive but structured setting; includes help with math study skills and reducing math anxiety.

For more information about this course, review the MATH 097 Outline

Credit Hours: 5 hrs

Prerequisite: program placement

Notes: Credit for this course will not count toward graduation

Last Updated: added course outline 10/2012

MATH 097A - Pre-College Mathematical Concepts — Part I

The first part of a mastery-based developmental mathematics course designed to prepare students for a developmental algebra course; covers beginning mathematical concepts and skill development in a supportive but structured setting; includes help with math study skills and reducing math anxiety.

Credit Hours: 3 hrs

Prerequisite: program placement

Notes: Credit for this course will not count toward graduation

MATH 097B - Pre-College Mathematical Concepts — Part II

The second part of a mastery-based developmental mathematics course designed to prepare students for a developmental algebra course; covers beginning mathematical concepts and skill development in a supportive but structured setting; includes help with math study skills and reducing math anxiety.

Credit Hours: 3 hrs

Prerequisite: grade of 'C' or better in MATH 097A or program placement

Notes: Credit for this course will not count toward graduation.

Last Updated: Links 04/2011

MATH 098 - Pre-College Introductory Algebra Concepts

A mastery-based developmental mathematics course designed to prepare students to succeed in a college-level mathematics course; covers beginning algebra concepts and skill development in a supportive but structured setting; includes help with math study skills and reducing math anxiety.

For more information about this course, review the MATH 098 Course Outline

Credit Hours: 4 hrs

Prerequisite: (at least C in either of the following courses: MATH 097 or MATH 097B) and placement score

Notes: Credit for this course will not count toward graduation.

Last Updated: added Course Outline 10/2012; Links 04/2011

MATH 098B - Pre-College Introductory Algebra Concepts — Part II

The second part of a mastery-based developmental mathematics course designed to prepare students to succeed in a college-level mathematics course; covers beginning algebra concepts and skill development in a supportive but structured setting; includes help with math study skills and reducing math anxiety.

Credit Hours: 3 hrs

Prerequisite: (at least C in MATH098A) or placement

Notes: Credit for this course will not count toward graduation

Last Updated: 2/23/11

MATH 104 - Intermediate Algebra

A review of elementary algebra and a continuation into the study of functions, graphs and quadratic equations.

For more information about this course, review the MATH 104 Course Outline.

Credit Hours: 3 hrs

Prerequisite: placement or (at least C in either of the following courses: MATH 098 or MATH 098B)

Last Updated: added Course Outline 10/2012; Links 04/2011

MATH 105 - College Algebra (Gen Ed Area II)

A study of functions and their graphs, including polynomial, rational, exponential and logarithmic functions; inverse functions; equations and inequalities; and applications.

Credit Hours: 3 hrs

Prerequisite: placement or (at least a C in MATH 104)

Area II: Quantitative Reasoning

MATH 105 College Algebra

This course will help students refine and extend fluency with algebraic skills. Additionally, the focus of this course is on the conceptual understanding of functions. The course makes the case for using functions to model physical phenomena and simultaneously teaches methods to analyze these functions in a meaningful way. The course presents a catalog of functions - linear, power, quadratic, polynomial, rational, absolute value, exponential and logarithmic functions. By the end of the course students should know the basic properties and graphs of these functions along with using them as models for real world applications. For these reasons, MATH 105 will count for the **Quantitative Reasoning** requirement in the General Education program *Education for Participation in the Global Community*.

Last Updated: Gen Ed approval 06/2011, effective Fall 2011

MATH 107 - Plane Trigonometry

An elementary course in plane trigonometry. Students who have good records in high school courses including trigonometric identities, trigonometric equations, and oblique triangles should not take the course.

Credit Hours: 2 hrs

Prerequisite: placement or (at least a C in MATH 104 (B or better strongly recommended)) or (passing grade in any of the following courses: MATH 105, MATH 119 or MATH 210)

Last Updated: Links 04/2011

MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers

The course examines topics in the elementary school mathematics curriculum from an advanced standpoint, with an emphasis on conceptual understanding and problem solving. Topics include number theory, real number systems and their properties, algebra concepts and functions. Required of all students in the elementary education program. Open only to prospective elementary teachers.

Credit Hours: 3 hrs

Prerequisite: placement or (at least a C in any of the following courses: MATH 098, MATH 098B, MATH 104, MATH 105, MATH 107, MATH 110E or MATH 118)

Last Updated: Links 04/2011

MATH 110 - Mathematical Reasoning (Gen Ed Area II)

An introduction to quantitative reasoning, with the aim of developing the capacity to comprehend and analyze the quantitative information that is prevalent in modern society. Topics include mathematical modeling, basic probability and statistics and practical applications.

Credit Hours: 3 hrs

Prerequisite: placement or (at least C in either of the following courses: MATH 098 or MATH 098B) or (passing grade in any of the following courses: MATH 104, MATH 105, MATH 107 or MATH 112)

Major Restrictions: Restricted to students who have not declared Elementary Education intent; who are not in any Elementary Education program; and who are not in the Special Education Elementary program

Area II: Quantitative Reasoning

MATH 110 Mathematical Reasoning [was MATH150]

This course will provide students with ways to approach the quantitative information that they are certain to encounter in later coursework at Eastern Michigan University, throughout their careers, and in daily life. The emphasis is on learning methods for comprehending, analyzing and using quantitative information and on techniques for using data to inform decisions about real world events and problems. For these reasons, MATH110 will count for the **Quantitative Reasoning** requirement in the General Education *Program for Participation in the Global Community*.

Last Updated: Links 04/2011

MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II)

An introduction to quantitative reasoning, with the aim of developing the capacity to comprehend and analyze the quantitative information that is prevalent in modern society. Topics include mathematical modeling, basic probability and statistics, geometry and practical applications for elementary education majors.

Credit Hours: 3 hrs

Prerequisite: Placement or (at least a C in either of the following courses: MATH 098 or MATH 098B), or (passing grade in any of the following courses: MATH 104, MATH 105, MATH 107, MATH 108, or MATH 118)

Major Restrictions: Enrollment in Elementary Education Intent or Elementary Education or Special Education for Elementary

Area II: Quantitative Reasoning

MATH 110E Mathematical Reasoning: *Applications for Elementary School Teachers (Elementary Education majors only)* [was MATH 109]

This course will provide students with ways to approach the quantitative information that they are certain to encounter in later coursework at Eastern Michigan University throughout their careers, and in daily life. The emphasis is on learning methods for comprehending, analyzing and using quantitative information and on techniques for using data to inform decisions about real world events and problems.

In addition, MATH110E is specifically designed to meet the needs of students that are looking toward becoming elementary school teachers. While the content of this class mirrors that of MATH 110, the examples, applications and projects are designed to help you make connections to the K-5 classroom and help you to begin to think about how you will teach young children to make sense of some beginning mathematical concepts.

Last Updated: Links 04/2011

MATH 112 - Topics in Precalculus Mathematics

Provides a thorough preparation for calculus for students who are insufficiently prepared in college algebra and trigonometry or who need to review these subjects. Emphasis will be on topics from college algebra and trigonometry that are used in calculus.

Credit Hours: 4 hrs

Prerequisite: placement or MATH 105

Notes: Some knowledge of trigonometry is assumed.

Last Updated: Links 04/2011

MATH 118 - Linear Models and Probability (Gen Ed Area II)

Linear models, systems of linear equations, linear regression, probability theory, probabilistic simulations, decision theory, descriptive statistics; combinatorics and/or financial models as time permits.

Credit Hours: 3 hrs

Prerequisite: placement or (at least C in either of the following courses: MATH 098 or MATH 098B) or (passing grade in any of the following courses: MATH 104, MATH 105, MATH 107, MATH 110, MATH 110E or MATH 120)

Last Updated: Links 04/2011; Gen Ed Approval 12/2006, effective Winter 2007

MATH 119 - Applied Calculus (Gen Ed Area II)

Introduction to the concepts and applications of differential and integral calculus: behavior and properties of algebraic, logarithmic and exponential functions, derivatives and rates of change, optimization and definite integral as accumulation. Emphasis on problem setup, interpretation and applications.

Credit Hours: 3 hrs

Prerequisite: placement or (at least a C in MATH 104 (B or better strongly recommended)) or (passing grade in either of the following courses: MATH 105 or MATH 210)

Last Updated: Links 04/2011; Gen Ed Approval 04/2008, effective Spring 2008

MATH 120 - Calculus I (Gen Ed Area II)

Calculus of functions of a single variable; differential calculus, including limits, derivatives, techniques of differentiation, the mean value theorem and applications of differentiation to graphing, optimization and rates. Integral calculus, including indefinite integrals, the definite integral, the fundamental theorem of integral calculus, and applications of integration to area and volume.

Credit Hours: 4 hrs

Prerequisite: placement or (at least a C in any of the following group of courses: (MATH 105 and MATH 107) or in (MATH 112) or in (MATH 210 and MATH 107))

Last Updated: Links 04/2011; Gen Ed Approval 03/2007, effective Spring 2007

MATH 121 - Calculus II

Calculus of functions of a single variable continued; additional applications of definite integration to moments, centroids, arc length, surface area and work. Transcendental functions, infinite series, methods of integration, review of conic sections.

Credit Hours: 4 hrs

Prerequisite: at least a C in MATH 120

Last Updated: Links 04/2011

MATH 122 - Elementary Linear Algebra

Vectors and matrices, operations on matrices, determinants, systems of linear equations, linear independence, linear transformations, applications.

Credit Hours: 3 hrs

Prerequisite: (at least a C in MATH 105) or (passing grade in either of the following courses: MATH 120 or MATH 112) or placement

Last Updated: Links 04/2011

MATH 140 - Applied Trigonometry and Calculus I for Technology (Gen Ed Area II)

Plane trigonometry and trigonometric functions; complex numbers; basic identities. Single-variable calculus: limits, derivatives, rate of change, applications of differentiation to optimization. Integral calculus, including indefinite and definite integrals; integrals as accumulation. Applications will focus on electronics and other engineering fields.

Credit Hours: 4 hrs

Prerequisite: MATH 105 with a C or better or math placement level 5

Equivalent Courses: MATH 119

Last Updated: Links 03/2011

MATH 141 - Applied Calculus II for Technology

Single-variable calculus continued; Transcendental functions, applications of integrals to moments and work. Methods of integration. Applications will focus on electronics and other engineering fields.

Credit Hours: 3 hrs

Prerequisite: MATH 140

Last Updated: Links 04/2011

MATH 170 - Elementary Statistics (Gen Ed Area II)

An introduction to standard methods in statistics, emphasizing the rationale behind them and their application to problems in a variety of fields. Data summary and representation, measures of center and dispersion, correlation and regression, basic probability, point and interval estimation, and hypothesis testing.

Credit Hours: 3 hrs

Prerequisite: placement or (at least a C in either of the following courses: MATH 098 or MATH 098B) or (passing grade in any of the following courses: MATH 104, MATH 105, MATH 107, MATH 110E, MATH 118, MATH 119 or MATH 120)

Last Updated: Links 04/2011; Gen Ed Approval 12/2006, effective Winter 2007

MATH 177 - Special Topics

These special topics courses will be used to teach some aspects of mathematics at an elementary level that would not be regularly offered. This course does not count on a regular major or minor in mathematics.

Credit Hours: 1 hr

Prerequisite: department permission

MATH 178 - Special Topics

These special topics courses will be used to teach some aspects of mathematics at an elementary level that would not be regularly offered. This course does not count on a regular major or minor in mathematics.

Credit Hours: 2 hrs

Prerequisite: department permission

MATH 179 - Special Topics

These special topics courses will be used to teach some aspects of mathematics at an elementary level that would not be regularly offered. This course does not count on a regular major or minor in mathematics.

Credit Hours: 3 hrs

Prerequisite: department permission

MATH 205 - Mathematical Structures for Computer Science

Propositional and predicate logic, sets and operations, discrete functions, sequences, finite summations, function growth, elementary number theory, matrices and applications, proof techniques, elementary combinatorics, discrete probability, relations.

Credit Hours: 4 hrs

Prerequisite: MATH 120

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 210 - Algebra for Elementary/Middle School Teachers

Interpreting and applying graphical and algebraic representations of functions, including linear, polynomial, rational, exponential, and logarithmic functions. Connections to teaching algebra in grades K-8 will also be examined.

Credit Hours: 3 hrs
Prerequisite: MATH 108 and MATH 110E
Major Restrictions: Prospective Elementary Teachers only
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011

MATH 211 - Introduction to Mathematical Proof

A transition to upper-level mathematics courses. This course highlights various types of mathematical thinking including direct, indirect and inductive proofs with careful treatment of quantified statements. Topics include sets, number theory and relations. Development of ability to write a precise mathematical proof is the primary goal.

Credit Hours: 3 hrs
Prerequisite: MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011

MATH 223 - Multivariable Calculus

Vector products, lines and planes in three-dimensional space, quadric surfaces, cylindrical and spherical coordinates. Differential calculus of vector functions of a single variable: velocity and acceleration vectors, curvature. Partial differentiation, gradient, chain rule, directional derivatives, tangent planes, application to optimization. Multiple integration, change of coordinates, applications. Taylor's Theorem for Functions of Several Variables, line and surface integrals, Stokes' Theorem, Gauss' Theorem.

Credit Hours: 4 hrs
Prerequisite: at least a C in both MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011

MATH 240 - Geometry for Elementary/Middle School Teachers

Informal geometry of the plane and space, congruence and measurement, elementary theorems and proof, and plane coordinate geometry.

Credit Hours: 3 hrs
Prerequisite: MATH 108 and MATH 110E
Major Restrictions: Prospective Elementary Teachers only
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011

MATH 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

MATH 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

MATH 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

MATH 301 - Advanced Topics in Elementary Mathematics

Acquaints prospective elementary teachers with new topics in the elementary mathematics curriculum such as algebraic systems, conic sections, trigonometry, statistical procedures and topics in number theory.

Credit Hours: 3 hrs

Prerequisite: MATH 108 and MATH 110E; or MATH 210; or MATH 240

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 304 - Middle School Mathematics Methods and Content

Consideration of the mathematics program in middle school and junior high school, its organization and content, methods of teaching and learning.

Credit Hours: 3 hrs

Prerequisite: MATH 240 or MATH 120

Notes: Not open to freshmen, sophomores or students on academic probation

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 305 - Technology as a Problem Solving Tool for Secondary Teachers

Focus on how using technology can lead to new and deeper insights into mathematical concepts and problems in the high school mathematics curriculum.

Credit Hours: 3 hrs

Prerequisite: MATH 120 and MATH 122

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 306W - Teaching Mathematics in Secondary School (Gen Ed Area I, W)

Consideration of the mathematics program in the high school, its organization and content, methods of teaching and learning.

Credit Hours: 3 hrs

Prerequisite: MATH 120 and CURR 305; admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing or above
Notes: Not open to students on academic probation.
Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 03/2011

MATH 311W - Mathematical Problem Solving (Gen Ed Area I, W)

Problem solving strategies including deduction, argument by contradiction, induction, symmetry, the extreme principle, the pigeonhole principle and invariants. These strategies are exemplified by tackling open-ended problems in the areas of algebra, combinatorics, number theory and calculus.

Credit Hours: 3 hrs
Prerequisite: MATH 211
Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 319 - Mathematical Modeling

The modeling process; model building and evaluation, techniques of modeling; model fitting and models requiring optimization; empirical model construction — experimental models, dimensional analysis, simulation models, dynamic models; use of derivatives in the modeling process, single and multivariable dynamic models.

Credit Hours: 3 hrs
Prerequisite: MATH 120 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011

MATH 325 - Differential Equations

First and second order differential equations with applications, linear differential equations, power series solutions, Laplace transforms.

Credit Hours: 3 hrs
Prerequisite: MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011

MATH 341 - College Geometry

An introduction to several geometries such as affine, projective, space-time and non-Euclidean.

Credit Hours: 3 hrs
Prerequisite: MATH 211
Terms Offered: Course Rotation Schedules
Last Updated: link 5/2005; Links 04/2011

MATH 360 - Statistical Methods

A comprehensive overview of statistical methods and analysis with applications. Topics include descriptive statistics, probability theory, random variables and probability distributions, sampling distributions, estimation and testing hypotheses, correlation and regression, introduction to computer-assisted statistical analysis.

Credit Hours: 3 hrs

Prerequisite: MATH 120

Terms Offered: Course Rotation Schedules

Last Updated: link 5/2012; Links 04/2011

MATH 370 - Probability and Statistics I

Basic concepts of probability; expectation, variance, covariance distribution functions; bivariate, marginal and conditional distributions; central limit theorem. Applications to problems in science and/or social science are emphasized.

Credit Hours: 3 hrs

Prerequisite: MATH 223

Terms Offered: Course Rotation Schedules

Course Revisions:

This course decreased in credit hours from 4 hrs to 3 hrs, effective Winter 2012.

Last Updated: Link 5/2012; Links 04/2011; Revision 07/2011

MATH 372 - Problems in Actuarial Studies I

Applications of mathematics to actuarial science. Particular attention paid to subject matter not covered in the regular mathematics curriculum and to special techniques of problem solving appropriate to actuarial science. (This course can be useful in preparing for the Society of Actuaries Exam P: Probability.)

Credit Hours: 2 hrs

Prerequisite: Department permission only; minimum GPA in mathematics of 3.4 is strongly recommended

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

MATH 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

MATH 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

MATH 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

MATH 381 - Teaching Mathematics in Elementary School

Learning how to teach mathematics to students in the elementary grades, with an emphasis on problem solving and concept development. Attention is focused on learning/teaching situations and effective use of learning aids. Required of all prospective elementary teachers.

Credit Hours: 3 hrs

Prerequisite: MATH 108, MATH 110E and CURR 304; admission to the Initial Teacher Preparation Program

Notes: Not open to students on academic probation

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 382 - Technology in the Mathematics Classroom

An introduction to way in which calculators and computers can be used effectively to enhance instruction in the elementary and middle school mathematics classroom.

Credit Hours: 3 hrs

Prerequisite: MATH 210

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 387 - Cooperative Education in Mathematics

Four to six months of full-time employment at an industrial firm specially chosen to provide practical experience in mathematics. The program consists of two work experiences (MATH 387/MATH 487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: MATH 223

Class Restrictions: Junior or Senior standing

Major Restrictions: Mathematics Majors only

Notes: Admittance to program by application only; department permission; Use on mathematics major subject to department permission. Graded on a credit/no-credit basis.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 400 - History and Development of Mathematics

The course presents topics in the evolution of mathematics — the historical development of algebra, geometry and calculus provides the major focus. Problems will be assigned that reflect the content and methods of this development.

Credit Hours: 3 hrs

Prerequisite: MATH 121 and MATH 122

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Graduate Credit 07/2011; Links 04/2011

MATH 401 - Mathematics and Its History for Elementary/Middle School Teachers

Topics in the evolution of mathematics from ancient times through the present, with an emphasis on connections with the elementary school curriculum. Development of numeration systems, algebra, different geometries, calculus; including the contributions of different cultures in the development of mathematics.

Credit Hours: 3 hrs

Prerequisite: MATH 240 and MATH 301

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 403 - Current Research in Elementary School Mathematics

A brief history of mathematics education, 1890 to present. Special emphasis on important recent research studies. Consideration of various textbook series, use and evaluation of supplementary materials, the place and value of teaching aids. Professional journals will be utilized throughout the course.

Credit Hours: 3 hrs

Prerequisite: MATH 301 and CURR 304

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 407 - Elementary Number Theory

Primes, Euclidean algorithm and prime factorization, congruences, multiplicative functions, quadratic residues and reciprocity, continued fractions, Diophantine equations, possible applications to cryptology and/or primality testing.

Credit Hours: 3 hrs

Prerequisite: MATH 211

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 409 - Cryptology

An introduction to cryptology, the science of making and breaking codes and ciphers. Primes, modular arithmetic, probability, Euler's phi-function, factoring algorithms, cryptographic and cryptanalytic techniques for classical and modern cryptographical systems including public key cryptography.

Credit Hours: 3 hrs

Prerequisite: MATH 205 or MATH 211

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 411 - Abstract Algebra

An introduction to the theory and concepts of abstract algebra. Topics from group theory: subgroups, cosets, Lagrange's Theorem, homomorphisms. Also selected topics from ring theory and field theory.

Credit Hours: 3 hrs

Prerequisite: MATH 211

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Graduate Credit 07/2011; Links 04/2011

MATH 416 - Linear Algebra

Theoretical aspects of linear algebra: vector spaces, linear transformations and matrices, systems of linear equations, diagonalization, inner product spaces.

Credit Hours: 3 hrs

Prerequisite: MATH 122 and MATH 211

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Graduate Credit 07/2011; Links 04/2011

MATH 418 - Modeling with Linear Algebra

Topics in linear algebra such as linear transformations, eigenvalues, eigenvectors and inner products. Applications may include rotations in space and 3-D graphics, stochastic processes, systems of linear ODEs, Fourier series, orthogonal polynomials and projection methods for solving overdetermined systems.

Credit Hours: 3 hrs

Prerequisite: MATH 121 and MATH 122

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 419W - Introduction to Stochastic Mathematical Modeling (Gen Ed Area I, W)

Models of randomness in a variety of fields: actuarial studies, economics, biology, engineering and others as appropriate for student population. Discrete time Markov chains, Poisson processes and generalizations, time series, Brownian motion, and dynamic programming. An important part of the course is an opportunity for a student to become involved in an actual modeling problem.

Credit Hours: 3 hrs

Prerequisite: (MATH 223, MATH 311W, MATH 319, MATH 360 or MATH 370) and MATH 122

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 420 - Introduction to Real Analysis

A rigorous introduction to the foundations of calculus: real numbers, elementary topology of the real line, sequences and series, limits, continuity, uniform continuity, introduction to differentiation.

Credit Hours: 3 hrs

Prerequisite: MATH 211

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 424 - Introduction to Complex Variables

Complex numbers, analytic functions, elementary functions and their mapping properties, conformal mapping and applications; contour integrals, Cauchy-Goursat Theorem and its consequences, Taylor and Laurent series, calculus of residues.

Credit Hours: 3 hrs

Prerequisite: MATH 211 and MATH 223

Last Updated: Link 5/2012; Links 04/2011

MATH 425 - Mathematics for Scientists

The scientific applications of mathematics. Topics chosen will reflect the interests of the class. Possible areas of study include Fourier series and transforms, complex variables, generalized functions, Laplace transform, Bessel functions, curve fitting, partial differential equations and the calculus of variations. A record of topics studied each semester will be kept in the mathematics files.

Credit Hours: 3 hrs

Prerequisite: MATH 223

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 430 - Introduction to Stochastic Calculus

An introduction to stochastic processes, stochastic integration and differentiation, solving stochastic differential equations, martingale calculus, and martingale measures.

Credit Hours: 3 hrs

Prerequisite: MATH 223, MATH 325, and MATH 370

Last Updated: New Course, 11/2012, effective Winter 2013

MATH 436 - Introduction to Numerical Analysis

Introduces the theory and application of numeric methods and error analysis; solution of nonlinear equations, interpolation and approximation, numerical integration, numerical solution of differential equations, numerical methods for solving large linear systems.

Credit Hours: 3 hrs

Prerequisite: MATH 121 and MATH 122; and one of the following: COSC 145, COSC 111 or COSC 245

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 448 - Differential Geometry with an Introduction to General Relativity

Curve and surface theory in three-dimensional space: introduction to special and general relativity. Not open to students with credit in MATH 548 Introduction to Differential Geometry.

Credit Hours: 3 hrs

Prerequisite: MATH 223 and MATH 325

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 460 - Applied Survey Sampling

A course in principles of sampling for assessment of data in business, social sciences or natural resource management. Sampling problem, selection of samples, designing questionnaires, estimation of means and variances, ratio, regression and difference methods, simple and stratified random sampling, systematic sampling, cluster sampling, probability proportional to size sampling. A special survey software package is used.

Credit Hours: 3 hrs

Prerequisite: MATH 360 or MATH 370

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MATH 461 - Linear Regression Analysis

Topics include modeling a response as a simple or multiple regression model, validity of assumptions, using models for estimation and prediction, multicollinearity, auto-correlation of error terms, residual analysis and stepwise regression. A statistical software package (SAS) is used extensively.

Credit Hours: 3 hrs

Prerequisite: MATH 122 and either MATH 360 or MATH 370

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 462 - Design and Analysis of Experiments

A basic course in principles of experimental designs and analysis: randomized blocks and Latin squares, nested experiments, experimental and sampling errors, fixed and random effects models, factorial and fractional designs. A statistical software package (SAS) is used extensively.

Credit Hours: 3 hrs

Prerequisite: MATH 360 or MATH 370

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 468 - Introduction to Biostatistics

This course introduces statistical concepts and analytical methods as applied to data encountered in biomedical sciences. Topics include sensitivity, specificity, ROC curve, nonparametric tests, Chi-square goodness-of-fit test, risk measures and survival analysis.

Credit Hours: 3 hrs

Prerequisite: MATH 360

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; New Course 07/2011

MATH 469 - Introduction to Categorical Data Analysis

An introduction to hypothesis testing strategies in measuring associations between a categorical response and a set of explanatory variables in a contingency table setting. Nonparametric methods and some regression analysis techniques such as logistic regression, Poisson regression and loglinear models will be considered.

Credit Hours: 3 hrs

Prerequisite: MATH 360

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; New Course 07/2011

MATH 471 - Probability and Statistics II

Nature of statistics; distributions, measure of central value and dispersion; sampling; statistical inference, estimation and tests of hypothesis. Methods of computation, applications and data analysis will be stressed. Nonparametric statistics: sequential tests, analysis of variance.

Credit Hours: 3 hrs

Prerequisite: MATH 370

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 472 - Problems in Actuarial Studies II

Applications of mathematics to actuarial science. Particular attention paid to subject matter not covered in the regular mathematics curriculum and to special techniques of problem solving appropriate to actuarial science. (This course can be useful in preparing for the Society of Actuaries Exam FM: Financial Mathematics.)

Credit Hours: 2 hrs

Prerequisite: Department permission; a minimum GPA in mathematics of 3.4 is strongly recommended

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

MATH 474W - Applied Statistics (Gen Ed Area I, W)

This course stresses the empirical approach to statistics: Monte Carlo methods to generate samples and to model distributions; tests of fit to assumed distributions; medians vs. means and range vs. standard deviations; demonstrations of basic theorems; randomness and independence.

Credit Hours: 3 hrs

Prerequisite: MATH 360 or MATH 370

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 477 - Special Topics

A senior-level course in a specific area of mathematics. The area to be studied will be determined by the field of specialization of the staff member teaching the course and the interest of the students enrolled.

Credit Hours: 1 hr

Prerequisite: undergraduate grade point average in mathematics 3.0 or above and department permission

MATH 478 - Special Topics

A senior-level course in a specific area of mathematics. The area to be studied will be determined by the field of specialization of the staff member teaching the course and the interest of the students enrolled.

Credit Hours: 2 hrs

Prerequisite: undergraduate grade point average in mathematics 3.0 or above and department permission

MATH 479 - Special Topics

A senior-level course in a specific area of mathematics. The area to be studied will be determined by the field of specialization of the staff member teaching the course and the interest of the students enrolled.

Credit Hours: 3 hrs

Prerequisite: undergraduate grade point average in mathematics 3.0 or above and department permission

MATH 487 - Cooperative Education in Mathematics

Four to six months of full-time employment at an industrial firm specially chosen to provide practical experience in mathematics. The program consists of two work experiences (MATH 387/MATH 487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admittance to program by application only; MATH 387; department permission

Class Restrictions: Junior or Senior standing

Major Restrictions: Mathematics Majors only

Notes: Use on mathematics major subject to department permission. Graded on a credit/no-credit basis.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

MATH 497 - Independent Study

A report on an approved subject in the field of mathematics under the guidance of the Mathematics Department staff.

Credit Hours: 1 hr

Prerequisite: undergraduate grade point average in mathematics 3.0 or above and department permission

MATH 498 - Independent Study

A report on an approved subject in the field of mathematics under the guidance of the Mathematics Department staff.

Credit Hours: 2 hrs

Prerequisite: undergraduate grade point average in mathematics 3.0 or above and department permission

MATH 499 - Independent Study

A report on an approved subject in the field of mathematics under the guidance of the Mathematics Department staff.

Credit Hours: 3 hrs

Prerequisite: undergraduate grade point average in mathematics 3.0 or above and department permission

MATH 571 - Mathematical Statistics I: Probability Theory

Set theory, Borel sets, Sigma field of events, probability measures on a sigma field, axioms, finite and countable spaces, random variables and distributions, functions of random vectors, derived distributions, generating and characteristic functions, limit theorems, modes of convergence, law of large numbers. Completion of courses in real analysis and calculus-based probability and statistics is assumed.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

MATH 574 - Applied Statistics

An empirical approach to statistics: generate samples and model distributions; tests of fit to specified distributions; tests of assumptions of randomness (trend); independence (association); biostatistics; product and system reliability. Not open to students with credit in MATH 474W. Completion of a calculus-based probability and statistics course is assumed.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

Music and Dance Programs and Courses

Music and Dance

Major

Dance Major

Dance Curriculum-Bachelor of Arts/Bachelor of Science

This curriculum leads to either a Bachelor of Arts or a Bachelor of Science degree. (Students who complete one year of foreign language will be awarded the Bachelor of Arts degree.) Each degree offers students a choice of three career-track options: (1) pre-dance therapy, (2) studio management and (3) performance and choreography. Students in the studio management track will also complete a minor in the College of Business.

Students planning admission to the dance major must officially enroll in the program at the Academic Advising Center and complete the following:

1. An audition into the program.
2. An application into the dance program is available at N101 Alexander or online at www.emich.edu/dance/html/dance_future.html.
3. A course of study is planned with a dance adviser upon admission into the dance program.

All students must meet the General Education Requirements and the other courses specified in each area below. Suitable adjustments can be made in consultation with a dance faculty adviser. Some of the track required courses can be used to fulfill General Education Requirements.

Dance majors and minors are encouraged to enroll in a technique class every semester while attending Eastern Michigan University. Ballet or modern technique classes may be repeated for no credit.

Music and Dance Department Information:

Department Head: Diane Winder

Department Contact: diane.winder@emich.edu

Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Major Requirements: 63-77 hours

Dance Core: 40 hours

- DANC 107 - Rhythmic Analysis and Dance Accompaniment 3 hrs
- DANC 208 - Classical Ballet Technique III 3 hrs
- DANC 209 - Classical Ballet Technique IV 3 hrs
- DANC 210 - Modern Dance Technique III 3 hrs
- DANC 211 - Modern Dance Technique IV 3 hrs
- DANC 245 - Elements of Dance Composition 3 hrs
- DANC 255 - Dance Production 3 hrs
- DANC 320 - Dance Workshop 1 hr
- DANC 350W - History of Dance: Prehistoric to Renaissance (Gen Ed Area I, W) 3 hrs
- DANC 351W - History of Dance: Romanticism to the Present (Gen Ed Area I, W) 3 hrs
- DANC 354 - Methods and Materials in Teaching of Dance 3 hrs
- DANC 422 - Dance Workshop 2 hr
- DANC 450 - Advanced Dance Composition 4 hrs
- DANC 455 - Seminar in Dance 2 hrs
- DANC 497 - Directed Study 1 hr

Select from one of the following tracks:

Track I: Pre-Dance Therapy (DANC PTHY): 32 hours

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs
- PSY 309 - Social Psychology 3 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- THRC 250 - Fieldwork in Recreation Therapeutic Recreation 1 hr

Choose 12 hours from the following courses:

- MUSC 103 - Introduction to Music Therapy 3 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PSY 321 - Child Psychology 3 hrs
- PSY 322 - Psychology of Adolescence 3 hrs
- PSY 323 - Psychology of Human Aging 3 hrs
- PSY 362 - The Psychology of Stress and Relaxation 3 hrs
- PSY 365 - Behavior Modification 3 hrs
- THRC 200 - Recreation for Persons with Disabilities 3 hrs

One course from the following:

- DANC 331 - Service Teaching–Ballet 1 hr
- DANC 333 - Service Teaching–Modern Dance 1 hr

Track II: Studio Management (DANC STMG): 37 hours

The studio management track must select a minor from the college of business with adviser approval (21 credit hours).

- DANC 103 - Tap I 2 hrs
- DANC 331 - Service Teaching–Ballet 1 hr
- DANC 333 - Service Teaching–Modern Dance 1 hr
- DANC 456 - Creative Dance for Children 2 hrs
- PEGN 102 - Aerobic Dance 1 hr
- PEGN 103 - Ballroom Dance 1 hr
- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs

Track III: Performance (DANC PERF): 23 hours

- CTAR 158 - Fundamentals of Acting (Gen Ed Area IV) 3 hrs
- CTAR 370 - Audition 3 hrs
- CTAR 380 - Musical Theatre Acting 2 hrs
- DANC 103 - Tap I 2 hrs
- DANC 201 - Jazz II 2 hrs
- DANC 320 - Dance Workshop 1 hr
- DANC 422 - Dance Workshop 2 hr
- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 Music Education Major (Instrumental)

Successful completion of this course of study, which leads to the Bachelor of Music Education degree, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in music education (K-12), certification code JQ. The Michigan Test for Teacher Certification (MTTC) covering this field is #099, "Music."

Music and Dance Department Information:

Department Head: Diane Winder

Department Contact: diane.winder@emich.edu

Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Music Courses: 70-75 hours

Core Courses: 41 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 201 - Music Theory III 3 hrs
- MUSC 202 - Music Theory IV 3 hrs
- MUSC 211 - Basic Brass Class 1 hr
- MUSC 219 - Aural Skills III 1 hr
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 229 - Aural Skills IV 1 hr
- MUSC 232 - Voice Class 1 hr
- MUSC 241 - Percussion 1 hr
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr
- MUSC 261 - Basic String Class: Violin 1 hr
- MUSC 281 - Basic Woodwind Class 1 hr

- MUSC 301W - History of Music to 1750 (Gen Ed Area I, W) 4 hrs
- MUSC 302 - History of Music 3 hrs
- MUSC 326 - Conducting 2 hrs
- MUSC 327 - Instrumental Conducting 2 hrs
- MUSC 413 - Orchestration 2 hrs

Two courses from the following: 2 hours

- MUSC 212 - Brass Class 1 hr
- MUSC 262 - String Class: Viola 1 hr
- MUSC 263 - String Class: Cello and Double Bass 1 hr
- MUSC 282 - Woodwind Class 1 hr
- MUSC 283 - Woodwind Class 1 hr

Major Instrumental Ensembles: 8-11 hours

Only one hour per semester counted toward degree.

- Wind and Percussion Principals:
MUSC 249 - University Band: 8 hours
MUSC 149M - Marching Band: 3 hours
- String Principals:
MUSC 248 - University Orchestra: 8 hours

Elective Courses (string principals only): 3 hours

Applied Music Courses: 16 hours

Senior recital approval is required. Students must enroll in Applied Music during the semester the recital is performed.

Music majors enrolled in Applied Music will also participate in a weekly studio class. Studio class times vary; please contact the Applied Music teacher for schedule.

Keyboard and guitar principals must take AMUS 115A - Secondary Applied Music/AMUS 115B - Secondary Applied Music (wind/percussion/string instrument) (total of 4 hrs).

- AMUS 116A - Principal Applied Music 2 hrs
4 semesters (minimum): 8 hours
- AMUS 416A - Principal Applied Music 2 hrs
4 semesters (minimum): 8 hours

Improvisation Requirement: 0-2 hours

Students in this degree must meet an improvisation requirement. This requirement may be met in one of the following ways:

- MUSC 244 - Jazz Ensemble 1 hr

- MUSC 250 - Jazz Combo 1 hr
- MUSC 305 - Keyboard Skills 2 hrs
- Other approved improvisation course (see an adviser for details)
- Contract in Applied Music for at least one Fall or Winter semester. An improvisation Contract must be completed by the student and approved by the applied music instructor and department head at the beginning of the semester. A written evaluation of the student's improvisation work must be provided by the applied music instructor and approved by the department head at the completion of the semester. Applied music improvisation projects can be in any style (jazz, classical, world music, etc.) and should be equivalent to one credit of independent study.

Professional Studies: 34 hours

Pre-Admission Phase: The Learner and the Community: 7 hours

The following courses may be taken before formal admission to the Initial Teacher Preparation Program:

- 100 clock hours of approved prestudent teaching field experiences (0 hrs)
- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and Social Context: 6 hours

- MUSC 332 - Instrumental Music in the Public Schools 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content Methods, Literacy and Technology: 9 hours

- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

One course from the following:

- MUSC 333 - Orchestral Methods 3 hrs
- MUSC 334 - Band Methods 3 hrs

Phase III: Capstone Experience: 12 hours

All Bachelor of Music Education students must pass a program specific screening exam before being approved for student teaching.

- EDUC 496 - Student Teaching 6 hrs
- EDUC 497 - Student Teaching 6 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 Music Education Major (Vocal)

Successful completion of this course of study, which leads to the bachelor of music education degree, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in music education, K-12 certification code JQ. The Michigan Test for Teacher Certification (MTTC) covering this field is #099, "Music."

At the time of admission, students with voice as a principal instrument must study keyboard and demonstrate the required level of proficiency for graduation; students with keyboard as a principal instrument must study voice and demonstrate the required level of proficiency for graduation; and students with guitar as a principal instrument must study both voice and piano, demonstrating the required level of proficiency on both for graduation.

Music and Dance Department Information:

Department Head: Diane Winder
Department Contact: diane.winder@emich.edu
Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:

1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Music Courses: 69–77 hours

Catalog Correction: Credit Hour Total for this major is 68-76 Hours. 10/2013

Core Courses: 44 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 201 - Music Theory III 3 hrs
- MUSC 202 - Music Theory IV 3 hrs
- MUSC 219 - Aural Skills III 1 hr
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 229 - Aural Skills IV 1 hr
- MUSC 241 - Percussion 1 hr
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr

- MUSC 274 - Functional Guitar 2 hrs
- MUSC 301W - History of Music to 1750 (Gen Ed Area I, W) 4 hrs
- MUSC 302 - History of Music 3 hrs
- MUSC 305 - Keyboard Skills 2 hrs
- MUSC 326 - Conducting 2 hrs
- MUSC 328 - Choral Conducting 2 hrs
- MUSC 413 - Orchestration 2 hrs

One course from the following:

- MUSC 211 - Basic Brass Class 1 hr
- MUSC 212 - Brass Class 1 hr

One course from the following:

- MUSC 261 - Basic String Class: Violin 1 hr
- MUSC 262 - String Class: Viola 1 hr
- MUSC 263 - String Class: Cello and Double Bass 1 hr

One course from the following:

- MUSC 281 - Basic Woodwind Class 1 hr
- MUSC 282 - Woodwind Class 1 hr
- MUSC 283 - Woodwind Class 1 hr

Major Vocal Ensemble: 8 hours

Must include at least four semesters of MUSC 131 - University Choir. Only one hour per semester counted toward degree.

Applied Music Courses: 16–24 hours

Number of credit hours is determined by audition and principal instrument of choice.

Music majors enrolled in Applied Music will also participate in a weekly studio class. Studio class times vary; please contact the Applied Music teacher for schedule.

Principal Instrument Courses (Keyboard, Voice or Guitar): 16 hours

Senior recital approval is required. Students must enroll in applied music during the semester a degree recital is performed.

- AMUS 116A - Principal Applied Music 2 hrs
4 semesters (minimum): 8 hours
- AMUS 416A - Principal Applied Music 2 hrs
4 semesters (minimum): 8 hours

Secondary Instrument Courses (Keyboard, Voice or Guitar): 0–8 hours

One option from the following:

Option I: 0–4 hours

If voice is the principal instrument, take AMUS 115 (keyboard) until the prerequisite for AMUS 415 (keyboard) is met.

Option II: 0–4 hours

If keyboard is the principal instrument, take AMUS 115 (voice) until the prerequisite for AMUS 415 (voice) is met.

Option III: 0–8 hours

If guitar is the principal instrument, take AMUS 115 (keyboard) and AMUS 115 (voice) until the prerequisite for AMUS 415 is met in both instruments.

Improvisation Requirement: 0-2 hours

Students in this degree must meet an improvisation requirement. This requirement may be met in one of the following ways:

- MUSC 244 - Jazz Ensemble 1 hr
- MUSC 250 - Jazz Combo 1 hr
- MUSC 305 - Keyboard Skills 2 hrs
- Other approved improvisation course (see an adviser for details)
- Contract in Applied Music for at least one Fall or Winter semester. An improvisation Contract must be completed by the student and approved by the applied music instructor and department head at the beginning of the semester. A written evaluation of the student's improvisation work must be provided by the applied music instructor and approved by the department head at the completion of the semester. Applied music improvisation projects can be in any style (jazz, classical, world music, etc.) and should be equivalent to one credit of independent study.

Professional Studies: 34 hours

Pre-Admission phase: The Learner and the Community: 7 hours

The following courses may be taken before formal admission to the Initial Teacher Preparation Program:

- 100 clock hours of approved prestudent teaching field experiences (0 hrs)
- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 6 hours

- MUSC 330 - Music Education in the Elementary School 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content Methods, Literacy and Technology: 9 hours

- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- MUSC 331 - Music Education in the Secondary School 3 hrs
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 12 hours

All Bachelor of Music Education students must pass a program specific screening exam before being approved for student teaching.

- EDUC 496 - Student Teaching 6 hrs
- EDUC 497 - Student Teaching 6 hrs

Note:

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Music Major

Students must complete the requirements for the Bachelor of Arts or Bachelor of Science degrees by including the academic major below and a different minor subject of 20 to 24 hours in some other department. Bachelor of Arts degrees include one year of foreign language. *Students will not earn a teaching certificate by completing this major.*

Music and Dance Department Information:

Department Head: Diane Winder
Department Contact: diane.winder@emich.edu
Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 52–53 hours

Core Courses: 30 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 201 - Music Theory III 3 hrs
- MUSC 202 - Music Theory IV 3 hrs
- MUSC 219 - Aural Skills III 1 hr
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 229 - Aural Skills IV 1 hr
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr
- MUSC 301W - History of Music to 1750 (Gen Ed Area I, W) 4 hrs
- MUSC 302 - History of Music 3 hrs

Two courses from the following: 4–5 hours

- MUSC 315 - Introduction to Digital Music 2 hrs
- MUSC 317 - Music Composition 2 hrs
- MUSC 341 - Contrapuntal Techniques 2 hrs
- MUSC 401 - Music Theory-Literature V 2 hrs
- MUSC 402 - Music Theory-Literature VI 2 hrs
- MUSC 404 - Psychology of Music 3 hrs
- MUSC 413 - Orchestration 2 hrs

Major Ensemble: 6 hours

Only one hour per semester counted toward degree.

Applied Music (principal instrument): 12 hours

Music majors enrolled in Applied Music will also participate in a weekly studio class. Studio class times vary; please contact the Applied Music teacher for schedule.

- AMUS 116A - Principal Applied Music 2 hrs
4 semesters (minimum): 8 hours
- AMUS 416A - Principal Applied Music 2 hrs
2 semesters (minimum): 4 hours

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Bachelor of Arts degrees include one year of foreign language.

Students must also complete University Electives to bring the total credits taken to be 124.

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub

and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Music Performance Major (Instrumental)-With specialization in guitar, keyboard, strings, winds or percussion

The bachelor of music degree curriculum is available for students who wish to pursue a career in performance.

Music and Dance Department Information:

Department Head: Diane Winder
Department Contact: diane.winder@emich.edu
Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Courses common to all specializations: 68-71 hours

Core Courses: 32 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 201 - Music Theory III 3 hrs
- MUSC 202 - Music Theory IV 3 hrs
- MUSC 219 - Aural Skills III 1 hr
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 229 - Aural Skills IV 1 hr

- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr
- MUSC 301W - History of Music to 1750 (Gen Ed Area I, W) 4 hrs
- MUSC 302 - History of Music 3 hrs
- MUSC 326 - Conducting 2 hrs

Two courses from the following: 4-5 hours

- MUSC 315 - Introduction to Digital Music 2 hrs
- MUSC 317 - Music Composition 2 hrs
- MUSC 341 - Contrapuntal Techniques 2 hrs
- MUSC 401 - Music Theory-Literature V 2 hrs
- MUSC 402 - Music Theory-Literature VI 2 hrs
- MUSC 404 - Psychology of Music 3 hrs
- MUSC 413 - Orchestration 2 hrs

Applied Music: 32 hours

Both a junior and a senior recital are required. Students must enroll in Applied Music during the semester each recital is performed.

Music majors enrolled in Applied Music will also participate in a weekly studio class. Studio class times vary; please contact the Applied Music teacher for schedule.

- AMUS 116B - Principal Applied Music 4 hrs
4 semesters (minimum): 16 hours
- AMUS 416B - Principal Applied Music 4 hrs
4 semesters (minimum): 16 hours

Improvisation Requirement: 0-2 hours

Students in this degree must meet an improvisation requirement. This requirement may be met in one of the following ways:

- MUSC 244 - Jazz Ensemble 1 hr
- MUSC 250 - Jazz Combo 1 hr
- MUSC 305 - Keyboard Skills 2 hrs
- Other approved improvisation course (see an adviser for details)
- Contract in Applied Music for at least one Fall or Winter semester. An improvisation Contract must be completed by the student and approved by the applied music instructor and department head at the beginning of the semester. A written evaluation of the student's improvisation work must be provided by the applied music instructor and approved by the department head at the completion of the semester. Applied music improvisation projects can be in any style (jazz, classical, world music, etc.) and should be equivalent to one credit of independent study.

Courses Chosen According to Area of Specialization: 13-16 hours

Area I: Guitar

- Ensembles (8 hrs)
Only one hour per semester counted toward degree.
- Any elective courses in music (5-8 hrs)

Area II: Keyboard

- Ensembles (8 hrs) (may include up to two credit hours of accompanying)
Only one hour per semester counted toward degree.
- Elective courses in music (5-8 hrs)

Area III: Strings

- Elective courses in music (4–7 hrs)
- MUSC 248 - University Orchestra 1 hr
8 semesters (minimum): 8 hours Only one hour per semester counted toward degree.

One course from the following:

Violin principal:

One course from the following:

- AMUS 115A - Secondary Applied Music 1 hr
- MUSC 262 - String Class: Viola 1 hr

Viola principal:

One course from the following:

- AMUS 115A - Secondary Applied Music 1 hr
- MUSC 261 - Basic String Class: Violin 1 hr

Cello principal:

One course from the following:

- AMUS 115A - Secondary Applied Music 1 hr
- MUSC 263 - String Class: Cello and Double Bass 1 hr

String Bass principal:

One course from the following:

- AMUS 115A - Secondary Applied Music 1 hr
- MUSC 263 - String Class: Cello and Double Bass 1 hr

Area IV: Wind and Percussion

- Electives courses in music (5-8 hrs)
- MUSC 249 - University Band 1 hr
8 semesters (minimum): 8 hours

Minor Requirements:

This program does not require a minor.

Note:

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Music Performance Major (Vocal)

The bachelor of music degree curriculum is available for students who wish to pursue a career in performance. All general education requirements must be completed, including one approved course in cross-cultural or international studies.

Music and Dance Department Information:

Department Head: Diane Winder

Department Contact: diane.winder@emich.edu

Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available [here](#). Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 90-93 hours

Core Courses: 40-41 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 201 - Music Theory III 3 hrs
- MUSC 202 - Music Theory IV 3 hrs
- MUSC 219 - Aural Skills III 1 hr
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 229 - Aural Skills IV 1 hr
- MUSC 235 - Diction in Singing 2 hrs
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr
- MUSC 301W - History of Music to 1750 (Gen Ed Area I, W) 4 hrs
- MUSC 302 - History of Music 3 hrs
- MUSC 305 - Keyboard Skills 2 hrs
- MUSC 326 - Conducting 2 hrs

Two courses from the following: 4-5 hours

- MUSC 315 - Introduction to Digital Music 2 hrs
- MUSC 317 - Music Composition 2 hrs
- MUSC 341 - Contrapuntal Techniques 2 hrs
- MUSC 401 - Music Theory-Literature V 2 hrs
- MUSC 402 - Music Theory-Literature VI 2 hrs
- MUSC 404 - Psychology of Music 3 hrs

- MUSC 413 - Orchestration 2 hrs

Major Vocal Ensemble: 8 hours

Only one hour per semester counted toward degree.

Applied Music: 32 hours

Both a junior and a senior recital are required. Students must enroll in Applied Music during the semester each recital is performed.

Music majors enrolled in Applied Music will also participate in a weekly studio class. Studio class times vary; please contact the Applied Music teacher for schedule.

- AMUS 116B - Principal Applied Music 4 hrs
4 semesters (minimum): 16 hours
- AMUS 416B - Principal Applied Music 4 hrs
4 semesters (minimum): 16 hours

Improvisation Requirement: 0-2 hours

Students in this degree must meet an improvisation requirement. This requirement may be met in one of the following ways:

- MUSC 244 - Jazz Ensemble 1 hr
- MUSC 250 - Jazz Combo 1 hr
- MUSC 305 - Keyboard Skills 2 hrs
- Other approved improvisation course (see an adviser for details)
- Contract in Applied Music for at least one Fall or Winter semester. An improvisation Contract must be completed by the student and approved by the applied music instructor and department head at the beginning of the semester. A written evaluation of the student's improvisation work must be provided by the applied music instructor and approved by the department head at the completion of the semester. Applied music improvisation projects can be in any style (jazz, classical, world music, etc.) and should be equivalent to one credit of independent study.

World Language Requirements: 10 hours

- FRNH 121 - Beginning French (Gen Ed Area IV) 5 hrs
- FRNH 122 - Beginning French (Gen Ed Area IV) 5 hrs
- GERN 121 - Beginning German (Gen Ed Area IV) 5 hrs
- GERN 122 - Beginning German (Gen Ed Area IV) 5 hrs

Minor Requirements:

This program does not require a minor.

Note:

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Music Therapy Major

Successful completion of the requirements for the Bachelor of Music Therapy degree makes students eligible to sit for the Certification Examination given by the Certification Board for Music Therapists.TM

The Bachelor of Music Therapy degree is awarded on completion of this curriculum. The degree program is approved by the American Music Therapy Association.

Certification in Music Therapy

The Certification Board for Music Therapists (CBMT) mandates that candidates for board certification must have successfully completed the academic and clinical training requirements for music therapy, or their equivalent, as established by the American Music Therapy Association. Candidates who pass the CBMT examination are allowed to use the credential "Music Therapist-Board Certified" (MT-BC).

Admission

Students must submit a 3-page double-spaced essay on the topic of "Why I wish to pursue a degree in music therapy." Include personal perspectives and motivations as well as current understanding of the field of music therapy and how you see yourself within the field. All essays are to be saved as a Word (.doc or .docx) document and sent as an attachment to Dr. Theresa Merrill, Director of Music Therapy at tmerrill1@emich.edu.

Music and Dance Department Information:

Department Head: Diane Winder
Department Contact: diane.winder@emich.edu
Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 56 hours

Core Courses: 38 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 201 - Music Theory III 3 hrs
- MUSC 202 - Music Theory IV 3 hrs
- MUSC 219 - Aural Skills III 1 hr
- MUSC 228 - Basic Music Literature 3 hrs
- MUSC 229 - Aural Skills IV 1 hr
- MUSC 232 - Voice Class 1 hr
- MUSC 241 - Percussion 1 hr
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr
- MUSC 253 - Functional Piano 1 hr
- MUSC 254 - Functional Piano 1 hr
- MUSC 301W - History of Music to 1750 (Gen Ed Area I, W) 4 hrs
- MUSC 302 - History of Music 3 hrs
- MUSC 305 - Keyboard Skills 2 hrs
- MUSC 326 - Conducting 2 hrs
- MUSC 413 - Orchestration 2 hrs

Ensembles: 4 hours

Must include at least two credit hours of vocal ensemble. Only one hour per semester counted toward degree.

Applied Music Courses: 14 hours

- AMUS 116A - Principal Applied Music 2 hrs
4 semesters (minimum): 8 hours
- AMUS 416A - Principal Applied Music 2 hrs

3 semesters (minimum): 6 hours

Music Therapy Courses: 31 hours

- MUSC 103 - Introduction to Music Therapy 3 hrs
- MUSC 109 - Music Therapy Improvisation Ensemble I 1 hr
- MUSC 209 - Music Therapy Improvisation Ensemble II 1 hr
- MUSC 225 - Voice Skills with Special Populations 1 hr
- MUSC 226 - Guitar Skills with Special Populations 2 hrs
- MUSC 236 - Pre-internship Clinical Training in Music Therapy I 1 hr
- MUSC 237 - Pre-internship Clinical Training in Music Therapy II 1 hr
- MUSC 238 - Methods and Materials in Music Therapy 3 hrs
- MUSC 303 - Music Therapy Clinical Approaches 2 hrs
- MUSC 304 - Music Therapy Professional Skills 2 hrs
- MUSC 309 - Music Therapy Improvisation Ensemble III 1 hr
- MUSC 323 - Pre-internship Clinical Training in Music Therapy III 1 hr
- MUSC 324 - Pre-internship Clinical Training in Music Therapy IV 1 hr
- MUSC 404 - Psychology of Music 3 hrs
- MUSC 405 - Music Therapy Research 3 hrs
- MUSC 409 - Music Therapy Improvisation Ensemble IV 1 hr
- MUSC 427 - Pre-internship Clinical Training in Music Therapy V 1 hr
- MUSC 428 - Pre-internship Clinical Training in Music Therapy VI 1 hr
- MUSC 488 - Clinical Training Internship in Music Therapy 2 hrs

Additional Requirements: 10 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

Improvisation Requirement: 0-2 hours

Students in this degree must meet an improvisation requirement. This requirement may be met in one of the following ways:

- MUSC 244 - Jazz Ensemble 1 hr
- MUSC 250 - Jazz Combo 1 hr
- MUSC 305 - Keyboard Skills 2 hrs
- Other approved improvisation course (see an adviser for details)
- Contract in Applied Music for at least one Fall or Winter semester. An improvisation Contract must be completed by the student and approved by the applied music instructor and department head at the beginning of the semester. A written evaluation of the student's improvisation work must be provided by the applied music instructor and approved by the department head at the completion of the semester. Applied music improvisation projects can be in any style (jazz, classical, world music, etc.) and should be equivalent to one credit of independent study.

Minor Requirements:

This program does not require a minor.

Note:

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Dance Minor

Students planning admission to the dance minor must complete the following:

1. An audition into the program.
2. An application at www.emich.edu/dance/html/dance_future.html.
3. A course of study planned with a dance adviser upon admission into the program.

Music and Dance Department Information:

Department Head: Diane Winder

Department Contact: diane.winder@emich.edu

Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Minor Requirements: 32 hours

- Two levels of Modern Dance Technique I–IV (DANC 110, DANC 111, DANC 210 and DANC 211) (6 hrs)
- Two levels of Classical Ballet Technique I–IV (DANC 108, DANC 109, DANC 208 or DANC 209) (6 hrs)
- One level of Jazz I-II (DANC 101 or DANC 201) (2 hrs)
- DANC 107 - Rhythmic Analysis and Dance Accompaniment 3 hrs
- DANC 245 - Elements of Dance Composition 3 hrs
- DANC 255 - Dance Production 3 hrs
- DANC 351W - History of Dance: Romanticism to the Present (Gen Ed Area I, W) 3 hrs
- DANC 450 - Advanced Dance Composition 4 hrs
- DANC 455 - Seminar in Dance 2 hrs

Minor Total: 32 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Music Minor

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available at: emich.edu/music/apply. Applications must be submitted at least seven days in advance of the requested audition day.

Music and Dance Department Information:

Department Head: Diane Winder
 Department Contact: diane.winder@emich.edu
 Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

Required Area Courses: 14 hours

- Ensembles (2 hrs)
Only one hour per semester counted toward degree.
- AMUS 115A - Secondary Applied Music 1 hr
2 semesters (minimum): 2 hours
- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 119 - Aural Skills I 1 hr
- MUSC 129 - Aural Skills II 1 hr
- MUSC 251 - Functional Piano 1 hr
- MUSC 252 - Functional Piano 1 hr

Electives: 6 hours

Any music courses for which the student meets the prerequisites.

Minor Total: 20 hours

Critical Graduation Information:

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- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

Certificate

Music Therapy Equivalency Certificate

The Music Therapy Post-Baccalaureate Certificate Program is for students with a music degree from a National Association of Schools of Music accredited institution (or an equivalent institution outside of the United States) and an interest in specialized studies that will lead to meeting the eligibility requirements to take the certification examination in music therapy administered by the Certification Board for Music Therapists. Successful passing of this examination leads to the person being credentialed as a music therapist—board certified. The courses within this equivalency certificate program are approved by the American Music Therapy Association, and accredited by the National Association of Schools of Music.

Admission

Students must satisfy admission requirements of the University, the Department of Music and Dance and the Music Therapy Program. Please note that an audition is not required unless students want to take applied music lessons on their principal instrument while completing this certificate. Applied music may be required in secondary instruments to prepare the student to pass the EMU Music Therapy Competencies. Students must be admitted into the music therapy post-baccalaureate certificate program before enrolling in required course work. Requirements for admission into this certificate program include the following:

1. Submission of the completed application, nonrefundable application fee and all official undergraduate and graduate transcripts to undergraduate admissions in the Office of Admissions.

2. The earned equivalent of a U.S. bachelor's degree in music from an accredited college or University.
3. Submission of a 3-page double-spaced essay on the topic of "Why I wish to pursue a degree in music therapy." Include personal perspectives and motivations as well as current understanding of the field of music therapy and how you see yourself within the field. All essays are to be saved as a Word (.doc or .docx) document and sent as an attachment to Dr. Theresa Merrill, Director of Music Therapy at tmerrill1@emich.edu.
4. A personal interview with the coordinator of music therapy is required. This interview will explore the applicant's (1) interest in and general knowledge of music therapy, (2) music skills and (3) personal potential for being a successful music therapist.
5. Applicants whose native language is not English must demonstrate English language proficiency.

Certificate Requirements

The Post-Baccalaureate Music Therapy Equivalency Certificate Program must consist of all music therapy courses required for the bachelor of music therapy degree.

Courses in the sciences and in other areas to meet the American Music Therapy Association's educational standards are required.

Students must successfully demonstrate the EMU music therapy competencies in guitar, piano and voice before being eligible to enter the required clinical training (internship). Copies of the criteria for the competencies can be obtained from the coordinator of music therapy.

A specific program of study will be developed by the coordinator of music therapy, in consultation with the student, once the student is admitted into the equivalency certificate program.

Critical Information regarding Certificates

Undergraduate certificates may only be offered in conjunction with or subsequent to a baccalaureate degree. They cannot be 'stand alone' certificates, offered to students who are not pursuing or do not have a bachelor's degree. For students pursuing an undergraduate certificate concurrent with a bachelor's degree, the certificate will be awarded upon graduation.

Music and Dance Department Information:

Department Head: Diane Winder
Department Contact: diane.winder@emich.edu
Website: <http://www.emich.edu/musicdance/>

All prospective students (including transfers) must apply to the Department of Music and Dance and complete an entrance audition. Admissions information and access to the department's online application are available here. Applications must be submitted at least seven days in advance of the requested audition day.

In addition to the degree requirements stated below, students must learn and abide by these departmental policies.

Adviser Information:

Program Adviser: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

Music Therapy Courses: 31 hours

- MUSC 103 - Introduction to Music Therapy 3 hrs
- MUSC 109 - Music Therapy Improvisation Ensemble I 1 hr
- MUSC 209 - Music Therapy Improvisation Ensemble II 1 hr
- MUSC 225 - Voice Skills with Special Populations 1 hr
- MUSC 226 - Guitar Skills with Special Populations 2 hrs
- MUSC 236 - Pre-internship Clinical Training in Music Therapy I 1 hr
- MUSC 237 - Pre-internship Clinical Training in Music Therapy II 1 hr
- MUSC 238 - Methods and Materials in Music Therapy 3 hrs
- MUSC 303 - Music Therapy Clinical Approaches 2 hrs
- MUSC 304 - Music Therapy Professional Skills 2 hrs
- MUSC 309 - Music Therapy Improvisation Ensemble III 1 hr
- MUSC 323 - Pre-internship Clinical Training in Music Therapy III 1 hr
- MUSC 324 - Pre-internship Clinical Training in Music Therapy IV 1 hr
- MUSC 404 - Psychology of Music 3 hrs
- MUSC 405 - Music Therapy Research 3 hrs
- MUSC 409 - Music Therapy Improvisation Ensemble IV 1 hr
- MUSC 427 - Pre-internship Clinical Training in Music Therapy V 1 hr
- MUSC 428 - Pre-internship Clinical Training in Music Therapy VI 1 hr
- MUSC 488 - Clinical Training Internship in Music Therapy 2 hrs

Additional Requirements: 0–12 hours

Other courses may be required depending on the course content of the student's previous degree(s). Additional courses that are often required are:

- PEGN dance activity courses or DANC course (2 hrs)
- MUSC 326 - Conducting 2 hrs
- MUSC 413 - Orchestration 2 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

Certificate Total: 31–43 hours

The number of required hours for the certificate depend upon the student's undergraduate degree.

Note:

Recital Attendance Requirement

Each undergraduate music major must attend a total of 80 recitals/concerts (events) during their time of undergraduate study; they will receive credit for no more than 25 events per academic year. Students who fail to meet this requirement will not be permitted to graduate. The number of events that transfer students and students seeking a second bachelor's degree must attend will be prorated, based on the number of semesters of work remaining at the time of their matriculation. Normally each semester the student will attend at least ten musical events, of which five are usually the Department of Music and Dance weekly student recitals. Credit will be received for attendance at any Department of Music and Dance event. Students must be present for an entire event to receive credit. The cards are collected at the end of the program. A student who is performing in an event may receive recital attendance credit for that event if the student performs in less than 50 percent of the event. Attendance at many non-departmental musical events may be credited toward the recital attendance requirement. To obtain credit, bring a ticket stub

and program to the music office. The Head of the Department of Music and Dance will determine whether or not the event qualifies for recital credit.

Critical Graduation Information:

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

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University Information: Consult the online catalog at catalog.emich.edu.

Applied Music

AMUS 115A - Secondary Applied Music

Secondary applied music. May be repeated for credit.

Credit Hours: 1 hr

AMUS 115B - Secondary Applied Music

Secondary applied music. May be repeated for credit.

Credit Hours: 2 hrs

AMUS 116A - Principal Applied Music

Lower-level principal applied music. May be repeated for credit.

Credit Hours: 2 hrs

AMUS 116B - Principal Applied Music

Lower-level principal applied music. May be repeated for credit.

Credit Hours: 4 hrs

AMUS 415A - Secondary Applied Music

Upper-level secondary applied music. May be repeated for credit.

Credit Hours: 1 hr

Prerequisite: First semester of 400-level Applied Music must be approved by applied music teacher.

AMUS 415B - Secondary Applied Music

Upper-level secondary applied music. May be repeated for credit.

Credit Hours: 2 hrs

Prerequisite: First semester of 400-level Applied Music must be approved by applied music teacher.

AMUS 416A - Principal Applied Music

Upper-level principal applied music. May be repeated for credit.

Credit Hours: 2 hrs

Prerequisite: First semester of 400-level Applied Music must be approved by applied music teacher.

AMUS 416B - Principal Applied Music

Upper-level principal applied music. May be repeated for credit.

Credit Hours: 4 hrs

Prerequisite: First semester of 400-level Applied Music must be approved by applied music teacher.

Dance

DANC 100 - Ballet I (Gen Ed Area IV)

Introduces the theory and technique of classical ballet at the beginning level for the non-major student. Develops and maintains classical ballet technique at the beginning level and fosters understanding of ballet as an historical and contemporary art form.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

DANC 100 Ballet Fundamentals

Dance is the unspoken language of the human body common to all people in the global community. It existed as a means of communication before even the development of language. Ballet is the codification of western classical dance with its structure rooted deep in history and tradition and the forerunner of the other established dance forms. The study of ballet involves all the arts including music, theatrical production and visual elements. Students in DANC 100 will actively participate by dancing in a traditional classical ballet class. Through this participation and supplemental lectures, discussions, video viewings, students will learn how to critically view their own ballet performances and those of others: learn codified ballet vocabulary and how to embody that vocabulary kinesthetically; how to creatively and critically problem-solve with ballet movement; and the history of the art form.

Last Updated: Fall 2010; effective Winter 2011

DANC 101 - Jazz I

Introduces the theory and technique of jazz dance at the beginning level for the nonmajor student. Develops and maintains jazz style and technique for the student at the beginning level and fosters a critical understanding of jazz as an historical and contemporary art form.

Credit Hours: 2 hrs

DANC 102 - Modern Dance Fundamentals (Gen Ed Area IV)

Introduces the theory and technique of modern dance at the beginning level for the non-major student. Designed to give students introductory experiences in modern dance as a contemporary performing art and fosters the critical understanding of modern dance as an historical and contemporary art form.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

DANC 102 Fundamentals of Modern Dance

Modern Dance Fundamentals for non-majors meets the general education requirements for Arts in the knowledge of the disciplines. In this course, students will be introduced to the methodologies unique to the art form of modern dance. Modern dance, a form of human movement, provides a highly organized system for experiencing, organizing, creating, interpreting and evaluating the world around us. Modern dance embodies and perpetuates cultural values and traditions in a manner that is direct, universal and different from verbal forms of communication. In its close association with the human body, movement, space and time, modern dance can convey knowledge and meaning not learned through the study of other subjects. Modern dance communicates experiences common to all, and can convey contemporary cultural values such as those associated with the environment, patriotism, war or spirituality. In modern dance, personal and cultural meanings go far beyond mere, codified technique and entertainment. Through lectures, observation and experiential modes, students will learn how modern dance conveys personal and cultural meaning through qualities that are unique to modern dance.

Last Updated: Fall 2010; effective Winter 2011

DANC 103 - Tap I

Introduces the theory and technique of tap at the beginning level for the non-major student. Will develop and maintain tap technique and foster critical understanding of tap as an historical and contemporary art form.

Credit Hours: 2 hrs

DANC 104 - Hip-Hop Dance

An introduction to the theory and technique of hip-hop dance at the beginning level for the non-dance major student. Develops hip-hop technique and fosters understanding of hip-hop as a contemporary art form. Taught as a lecture/laboratory course.

Credit Hours: 2 hrs

DANC 105 - African Dance

The theory and technique of beginning African dance for the nonmajor dance student. Introduces students to African culture through traditional dance and music. Taught as a lecture/laboratory course.

Credit Hours: 2 hrs

DANC 106 - Introduction to the Performing Arts (Gen Ed Area IV)

A survey of the arts of dance, theatre and music; developing an understanding and appreciation of representative works in the three fields. The place of these arts in contemporary society and their contribution to a richer life. Attendance required at specific on-campus performances. This is a team taught course.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

DANC 106 Introduction to Performing Arts

Introduction to the Performing Arts meets the general education requirement for Arts in the knowledge of the disciplines. The performing arts provide knowledge about the world and ways of experience it that contribute to an understanding that is both unique and different from those gained through other disciplines. The arts present insights about personal experiences common to

us all- experiences such as birth, love, conflict and death. They also convey cultural meanings and values, such as patriotism and war. In the arts, personal and cultural meanings go far beyond the enjoyment of beauty. The arts convey knowledge and meaning not learned through the study of other subjects. In this course, students will learn how the performing arts convey personal and cultural meaning in lived space and time through qualities such as movement and sound that are unique to dance, music and theatre, they will discover the rich and unique ways that meaning in the performing arts takes shape in specific mediums, genres and styles.

DANC 107 - Rhythmic Analysis and Dance Accompaniment

The study of rhythm, sound and music literature as related to the teaching and performing of dance. Assigned listening experiences and designated explorations of pertinent elements of music.

Credit Hours: 3 hrs

DANC 108 - Classical Ballet Technique I for Dance Majors/Minors

A lecture/laboratory class that introduces the theory and technique of beginning/intermediate classical ballet and fosters critical understanding of ballet as an art form at the dance major/minor level.

Credit Hours: 3 hrs

DANC 109 - Classical Ballet Technique II for Dance Majors/Minors

A lecture/laboratory class that introduces the theory and technique of intermediate classical ballet and fosters critical understanding of ballet as an art form at the dance major/minor level.

Credit Hours: 3 hrs

Prerequisite: DANC 108 or equivalent and/or permission

Major Restrictions: Dance major or minor only

Last Updated: Fall 2010; effective Winter 2011

DANC 110 - Modern Dance I for Dance Majors/Minors

A lecture/laboratory class that introduces the theory and technique of modern dance and fosters critical understanding of modern as an art form at the dance major/minor level.

Credit Hours: 3 hrs

DANC 111 - Modern Dance II for Dance Majors/Minors

A lecture/laboratory class that develops the theory and technique of modern dance and fosters critical understanding of modern as an art form at the dance major/minor level.

Credit Hours: 3 hrs

Prerequisite: DANC 110 or equivalent and/or permission

Major Restrictions: Dance major or minors only

Last Updated: Fall 2010; effective Winter 2011

DANC 112 - Pilates Mat Exercises

The theory and technique of beginning level Pilates technique for both the dance major/minor and nonmajor student. This course is designed to familiarize students with the technical, conceptual and historical foundations of Pilates, as applied to Pilates techniques.

Credit Hours: 2 hrs

Lecture/Lab Hours: Class is conducted in a lecture/laboratory format.

DANC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: 02/2011

DANC 200 - Ballet II

The continuance of beginning/intermediate ballet technique and theory for the nonmajor student.

Credit Hours: 2 hrs

Prerequisite: DANC 100 and/or instructor permission

Last Updated: Links 04/2011

DANC 201 - Jazz II

The continuance of beginning/intermediate jazz theory and technique for the nonmajor student.

Credit Hours: 2 hrs

Prerequisite: DANC 101 and/or instructor permission

Last Updated: Fall 2010; effective Winter 2011

DANC 202 - Modern Dance II

The continuance of beginning/intermediate modern theory and technique for the nonmajor student.

Credit Hours: 2 hrs

Prerequisite: DANC 102 and/or instructor permission

Last Updated: Links 04/2011

DANC 208 - Classical Ballet Technique III

Theory and technique of intermediate classical ballet.

Credit Hours: 3 hrs

Prerequisite: DANC 109 or equivalent and/or permission

Major Restrictions: Dance major and minors only

Last Updated: Fall 2010; effective Winter 2011

DANC 209 - Classical Ballet Technique IV

A continuation of the theory and technique of advanced and intermediate classical ballet.

Credit Hours: 3 hrs

Prerequisite: DANC 208 or equivalent and/or permission

Major Restrictions: Dance majors and minors only

Last Updated: Fall 2010; effective Winter 2011

DANC 210 - Modern Dance Technique III

A continuation of DANC 111. The theory and technique of intermediate modern dance.

Credit Hours: 3 hrs

Prerequisite: DANC 111 or equivalent, and/or department permission

Major Restrictions: Dance major and minors only

Last Updated: Fall 2010; effective Winter 2011

DANC 211 - Modern Dance Technique IV

A continuation of DANC 210. The theory and technique of modern dance.

Credit Hours: 3 hrs

Prerequisite: DANC 210 or equivalent, and/or department permission

Major Restrictions: Dance major and minors only

Last Updated: Fall 2010; effective Winter 2011

DANC 214 - Pointe and Variations

A study of beginning pointe techniques in classical ballet for students with a strong technical ballet base. Classical ballet variations with appropriate technique, theory, and history will also be learned. Taught as a lecture/laboratory.

Credit Hours: 2 hrs

DANC 220 - Dance for the Elementary School Teacher

In this course students will learn both the theoretical and historical underpinnings of dance as well as the practical applications of dance and creative movement to the implementation of elementary school instruction.

Credit Hours: 3 hrs

DANC 245 - Elements of Dance Composition

An introduction to the fundamentals of choreography, including the use of improvisation and the development of compositions. Exploration and manipulation of the elements of dance.

Credit Hours: 3 hrs

Prerequisite: DANC 107, DANC 111 or department permission

Last Updated: Links 04/2011

DANC 255 - Dance Production

A study of the fundamentals of dance production including publicity, planning and organization, set design and construction, stage lighting, sound effects, recording, costuming and stage makeup. Laboratory projects coordinated with dance productions.

Credit Hours: 3 hrs

DANC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 320 - Dance Workshop

The Dance Workshop is proposed as an integral part of the dance curriculum because it synthesizes experiences from dance theory, technique and composition in the act of performance. As a practicum in rehearsal and performance, workshops are considered essential to the balance of the total curriculum.

Credit Hours: 1 hr

DANC 331 - Service Teaching–Ballet

Service teaching is designed to provide practical experience for students to assist in dance technique classes in the dance program. This experience should be under the direction of a qualified instructor and must be approved prior to registering.

Credit Hours: 1 hr

DANC 333 - Service Teaching–Modern Dance

Service teaching is designed to provide practical experience for students to assist in dance technique classes in the dance program. This experience should be under the direction of a qualified instructor and must be approved prior to registering.

Credit Hours: 1 hr

DANC 350W - History of Dance: Prehistoric to Renaissance (Gen Ed Area I, W)

A study of the historical development of Western theatrical dance from prehistoric times to the Renaissance, as well as the aesthetic, political, social and cultural contexts associated with the dances of these periods. Satisfies the first semester of a two semester writing for dance majors.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or instructor permission

DANC 351W - History of Dance: Romanticism to the Present (Gen Ed Area I, W)

A study of the historical development of Western theatrical dance from the Romantic era to the present, as well as the political, social and cultural contexts associated with the dances of these periods.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or instructor permission

DANC 354 - Methods and Materials in Teaching of Dance

A study of the methods and the use of materials in the teaching of dance idioms K-12. Modes and models that facilitate learning, lesson planning and vertical progression. Experiences in teaching and field observations.

Credit Hours: 3 hrs

Last Updated: Fall 2010; effective Winter 2011

DANC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 422 - Dance Workshop

The Dance Workshop is proposed as an integral part of the dance curriculum because it synthesizes experiences from dance theory, technique and composition in the act of performance. As a practicum in rehearsal and performance, workshops are considered essential to the balance of the total curriculum.

Credit Hours: 2 hr

DANC 450 - Advanced Dance Composition

An extension of the principles explored in DANC 245 with emphasis on structural development and experiences in the use of thematic materials, selected dance idioms, multimedia resources and group choreography. A choreographic work will be required of students.

Credit Hours: 4 hrs

Prerequisite: DANC 245

Last Updated: Fall 2010; effective Winter 2011

DANC 455 - Seminar in Dance

Current literature and dance research, trends in dance education and developments in contemporary concert dance. Lecture-discussion.

Credit Hours: 2 hrs

Prerequisite: DANC 245, DANC 450 or department permission

Last Updated: Links 04/2011

DANC 456 - Creative Dance for Children

Goals, concepts, materials and experiences to teach children's creative dance.

Credit Hours: 2 hrs

DANC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

DANC 497 - Directed Study

An opportunity for directed study in areas not provided in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 498 - Directed Study

An opportunity for directed study in areas not provided in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

DANC 499 - Directed Study

An opportunity for directed study in areas not provided in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Fall 2010; effective Winter 2011

Music

MUSC 100 - Music Fundamentals (Gen Ed Area IV)

Designed for the nonmusic major, an introduction to the basic elements of music: notation of pitch and rhythm, intervals, scales, chords, tonality, and form. Includes beginning aural training. A preparatory course for the music major or minor deficient in music theory and aural skills.

Credit Hours: 3 hrs

Major Restrictions: Non-Music Majors

Area IV: Knowledge of the Disciplines

MUSC 100 Music Fundamentals

Music Fundamentals (MUSC 100) meets the Arts requirement for Knowledge of the Disciplines because students in this course learn the basic elements of music through the exploration of the underlying properties of organized sound. Enhanced critical perception is achieved through aural, verbal, and visual analysis, and accompanied by an understanding of historical, cultural, and stylistic influences. Through this course, students develop basic skills in musicianship and gain a multifaceted understanding of the musical arts.

Last Updated: Gen Ed Approval 12/2011, effective Winter 2012; Title and Course Description Change 10/2011, effective Winter 2012

MUSC 101 - Music Theory I

Integrated theory course dealing with perception, writing, analysis and performance of basic musical materials; stylistic comprehension of music of all periods.

Credit Hours: 3 hrs

Corequisites: MUSC 119

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 102 - Music Theory II

Continuation of MUSC 101.

Credit Hours: 3 hrs

Prerequisite: MUSC 101 (with a grade of C or better) and MUSC 119 (with a grade of C or better)

Corequisites: MUSC 129

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 103 - Introduction to Music Therapy

Introductory survey of the various clientele served by music therapists, current career opportunities and exploration of interventions utilized by music therapists to achieve specific music therapy goals. Observation of Board Certified Music Therapists in hospital, clinical and school settings is required.

Credit Hours: 3 hrs

MUSC 105 - Appreciating Jazz: America's Music (Gen Ed Area IV)

Starting with the American Nineteenth Century, this course will examine the ways in which jazz evolved from vernacular and folk styles into an internationally recognized form of art music. Students will learn to aurally recognize performers and compositions from all of the major stylistic periods in jazz history and to recognize common song structures.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

MUSC 105- Appreciating Jazz: America's Music

Through this course, students will achieve a deeper understanding of how jazz is uniquely an American art music, learn how it came into being, and develop the skills and knowledge to appreciate the art and its practitioners. Student will also learn the fundamentals of music through the exploration of the underlying properties of organized sound such as melody, harmony, rhythm, texture and form.

Last Updated: Gen Ed Approval 5/2012, effective Winter 2013; Course Number Change 03/2012; New Course 01/2012, effective Winter 2012

MUSC 106 - Introduction to the Performing Arts (Gen Ed Area IV)

A survey of the arts of dance, theatre and music, that seeks to develop an understanding and appreciation of representative works in the three fields and an awareness of the place of these arts in contemporary society. Attendance required at specified on-campus performances.

Credit Hours: 3 hrs

Major Restrictions: Not open to Music Majors, Dance Majors or Theater Majors

Area IV: Knowledge of the Disciplines

MUSC 106 Introduction to Performing Arts

Introduction to the Performing Arts meets the general education requirement for Arts in the knowledge of the disciplines. The performing arts provide knowledge about the world and ways of experience it that contribute to an understanding that is both unique and different from those gained through other disciplines. The arts present insights about personal experiences common to us all- experiences such as birth, love, conflict and death. They also convey cultural meanings and values, such as patriotism and war. In the arts, personal and cultural meanings go far beyond the enjoyment of beauty. The arts convey knowledge and meaning not learned through the study of other subjects. In this course, students will learn how the performing arts convey personal and

cultural meaning in lived space and time through qualities such as movement and sound that are unique to dance, music and theatre, they will discover the rich and unique ways that meaning in the performing arts takes shape in specific mediums, genres and styles.

MUSC 107 - Music Appreciation (Gen Ed Area IV)

Guides the student in listening to and understanding various types, forms and styles of instrumental and vocal music of the world. Representative works of all periods and cultures, including contemporary developments, will be studied. Attendance at some concerts and recitals required.

Credit Hours: 3 hrs

Major Restrictions: Non-Music Majors

Area IV: Knowledge of the Disciplines

MUSC 107 Music Appreciation

Music is a window into the values and identity of a culture- past and present. To understand a culture's music is to gain insight into the people who created it, who express themselves through it, and identify with it. Aesthetic education distinguishes people who have a university education. From the time of the ancient Greeks, music has been recognized as essential in the training of the mind, body and soul. Today, appreciation of music as an art form, and deeper understanding of the art of music, leads people to perceive qualities not found in the other arts.

MUSC 107 Music Appreciation guides the student in listening to and understanding various types, forms and styles of instrumental and vocal music of the world, representative works of all periods and cultures, including contemporary developments.

MUSC 108 - World Music

Designed for the non-music major, a study of the World's music. Basic musical concepts are used to explore diverse musical styles and their functions in cultures throughout the world. This course assumes no prior formal musical training.

Credit Hours: 3 hrs

Last Updated: New Course 6/2012, effective Winter 2013

MUSC 109 - Music Therapy Improvisation Ensemble I

This introductory course will explore instrumental, vocal and movement improvisations. The student will gain insight into making personal-musical decisions and begin to explore the possible uses of improvisation in music therapy clinical practice.

Credit Hours: 1 hr

Prerequisite: MUSC 103

Major Restrictions: Students in Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency program only

Last Updated: Links 04/2011

MUSC 119 - Aural Skills I

Development of fundamental sight-singing techniques as well as skills in notating performed melodic and harmonic musical examples. Objectives of the course parallel those of MUSC 101.

Credit Hours: 1 hr

Corequisites: MUSC 101

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 129 - Aural Skills II

A continuation of MUSC 119. Development of intermediate sight-singing techniques as well as skills in notating performed melodic and harmonic musical examples. Objectives of the course parallel those of MUSC 102.

Credit Hours: 1 hr

Prerequisite: MUSC 101 (with a grade of C or better) and MUSC 119 (with a grade of C or better)

Corequisites: MUSC 102

Major Restrictions: Music Majors and Minors only

Last Updated: Links and prerequisite changes 04/2011

MUSC 131 - University Choir

Open to all students by audition.

Credit Hours: 1 hr

Prerequisite: Audition

Last Updated: 03/2011

MUSC 136 - Chamber Choir

Open to all students by audition.

Credit Hours: 1 hr

Prerequisite: Audition

Last Updated: 03/2011

MUSC 149A - Athletic Band

Open to all students by audition. The Athletic Band performs for men's and women's basketball home games. Athletic Band is offered as a credit/non-credit course.

Credit Hours: 1 hr

Prerequisite: Audition

Notes: Only offered during the Winter semester.

Previously Listed As: MUSC 149

Last Updated: 03/2011

MUSC 149M - Marching Band

Open to all students by audition. EMU Marching Band performs at home football games and other events. Marching Band is offered as a graded course.

Credit Hours: 1 hr

Prerequisite: Audition

Notes: Only offered during the Fall semester.

Previously Listed As: MUSC 149

Last Updated: 12/2010

MUSC 151 - Class Piano

Group instruction in piano for students with no previous keyboard experience.

Credit Hours: 2 hrs

Major Restrictions: Non-Music Majors only

MUSC 152 - Class Piano

Continuation of MUSC 151 with emphasis on the functional aspects of piano playing and elementary piano literature.

Credit Hours: 2 hrs

Prerequisite: MUSC 151 or by department permission

Major Restrictions: Non-Music Majors only

Last Updated: Links 04/2011

MUSC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

MUSC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

MUSC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

MUSC 201 - Music Theory III

Continuation of MUSC 102 with more emphasis on harmonic, melodic, compositional and structural techniques of 16th through 20th centuries.

Credit Hours: 3 hrs

Prerequisite: MUSC 102 (with a grade of C or better) and MUSC 129 (with a grade of C or better)

Corequisites: MUSC 219

Major Restrictions: Music Majors and Minors only
Last Updated: Prerequisite change 05/2011, effective Fall 2011

MUSC 202 - Music Theory IV

Continuation of MUSC 201.

Credit Hours: 3 hrs

Prerequisite: MUSC 201 (with a grade of C or better) and MUSC 219 (with a grade of C or better)

Corequisites: MUSC 229

Major Restrictions: Music Majors and Minors only

Last Updated: Prerequisite change 05/2011, effective Fall 2011

MUSC 209 - Music Therapy Improvisation Ensemble II

This post-introductory course explores improvisatory skills on piano, guitar and in voice using the pentatonic, organum, sedative and blues styles.

Credit Hours: 1 hr

Major Restrictions: Students in Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

MUSC 211 - Basic Brass Class

The teaching and playing of trumpet and trombone.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 212 - Brass Class

The teaching and playing of French horn, euphonium and tuba.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 219 - Aural Skills III

A continuation of MUSC 129. Development of intermediate/advanced sight-singing techniques as well as skills in notating performed melodic and harmonic musical examples. Objectives of the course parallel those of MUSC 201. For music majors and minors. Taken concurrently with MUSC 201.

Credit Hours: 1 hr

Prerequisite: MUSC 102 (with a grade of C or better) and MUSC 129 (with a grade of C or better)

Corequisites: MUSC 201

Last Updated: Prerequisite change 05/2011, effective Fall 2011

MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV)

A course to prepare pre-service teachers to successfully use music as an integral and meaningful part of the elementary school curricula. In this experiential class, students will acquire the basic knowledge and skills to help young children 1) use music as a

means to express ideas, feelings and concerns 2) analyze music from both formal and contextual viewpoints and 3) develop an understanding of the unique role of music in human experiences, as well as the commonalities it shares with dance, drama and the visual arts.

Credit Hours: 3 hrs

Prerequisite: Admission to the College of Education

Class Restrictions: Junior standing and above

Last Updated: 03/2011

MUSC 225 - Voice Skills with Special Populations

Develops voice skills to facilitate therapeutic processes with clients ranging in ages, backgrounds and disabilities.

Credit Hours: 1 hr

Prerequisite: MUSC 232

Class Restrictions: Sophomore standing or above

Major Restrictions: Students in Bachelor of Music Therapy, Bachelor of Music Education Vocal, Bachelor of Music Education Instrumental or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 04/2011

MUSC 226 - Guitar Skills with Special Populations

Develops guitar skills to facilitate therapeutic processes with clients ranging in ages, backgrounds and disabilities.

Credit Hours: 2 hrs

Prerequisite: MUSC 103

Major Restrictions: Students in Bachelor of Music Therapy, Bachelor of Music Education Vocal, Bachelor of Music Education Instrumental, or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Prerequisites 07/2011

MUSC 228 - Basic Music Literature

An introduction to analysis of musical style through listening and score study. Repertoire will include representative western art music, world music, and vernacular music chosen to develop musical understanding and aural literacy.

Credit Hours: 3 hrs

Prerequisite: MUSC 102 and MUSC 129

Class Restrictions: Sophomore standing

Major Restrictions: Open to MUSC, MUTR, MEDI, MEDV and MPRF students only

Last Updated: Links 04/2011

MUSC 229 - Aural Skills IV

A continuation of MUSC 219. Development of advanced sight-singing techniques as well as skills in notating performed melodic and harmonic musical examples. Objectives of the course parallel those of MUSC 202.

Credit Hours: 1 hr

Prerequisite: MUSC 201 (with a grade of C or better) and MUSC 219 (with a grade of C or better)

Corequisites: MUSC 202

Major Restrictions: Music Majors and Minors only

Last Updated: Prerequisite change 05/2011, effective Fall 2011

MUSC 232 - Voice Class

Improving the singing and speaking voice through the study of breath control, tone production and diction.

Credit Hours: 1 hr

Major Restrictions: Music Majors, Music Minors and Musical Theatre Minors only

Last Updated: Change in Restrictions 04/2012, effective Fall 2012

MUSC 235 - Diction in Singing

The physiological descriptions and laboratory practice of diction as used in singing English, French, German, Italian and Latin.

Credit Hours: 2 hrs

Major Restrictions: Music Majors and Minors only

MUSC 236 - Pre-internship Clinical Training in Music Therapy I

Introductory fieldwork experience in music therapy. Observation and documentation of music therapy sessions in clinical or educational settings.

Credit Hours: 1 hr

Prerequisite: MUSC 103

Class Restrictions: Sophomore standing or above

Major Restrictions: Students in the Bachelor of Music Therapy or Bachelor of Music Therapy: Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 04/2011

MUSC 237 - Pre-internship Clinical Training in Music Therapy II

Continuation of MUSC 236.

Credit Hours: 1 hr

Prerequisite: MUSC 236

Class Restrictions: Sophomore standing or above

Major Restrictions: Students in the Bachelor of Music Therapy or Bachelor of Music Therapy: Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 04/2011

MUSC 238 - Methods and Materials in Music Therapy

Study of resources available in music therapy and their systematic application to meet the treatment needs of children and adults with various dysfunctions.

Credit Hours: 3 hrs

Prerequisite: MUSC 236

Class Restrictions: Sophomore standing or above

Major Restrictions: Students in the Bachelor of Music Therapy or Bachelor of Music Therapy: Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 06/2011

MUSC 241 - Percussion

The teaching and playing of snare drum, tympani and keyboard percussion with an emphasis on group lesson techniques; survey of accessory instruments; introduction of methods, literature and use of the percussion ensemble.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 243 - Percussion Ensemble

For students enrolled in applied music: percussion or department permission.

Credit Hours: 1 hr

Prerequisite: Music majors and minors only

MUSC 244 - Jazz Ensemble

Large ensemble performance class dealing with the elements of ensemble techniques and improvisation with special emphasis on the function of jazz in music education.

Credit Hours: 1 hr

Prerequisite: audition

Last Updated: 04/2011; effective Spring 2011; 05/2011 description; effective 05/2011.

MUSC 246 - String Ensemble

Chamber music for strings.

Credit Hours: 1 hr

Prerequisite: department permission

MUSC 247 - Woodwind Ensemble

Chamber music for woodwinds.

Credit Hours: 1 hr

Prerequisite: department permission

MUSC 248 - University Orchestra

Open to all students by audition.

Credit Hours: 1 hr

Prerequisite: audition

MUSC 249 - University Band

Wind band performance classes. Open to all students in the University. An audition is required for placement in the Wind Symphony, and may be required for the Symphonic Band.

Credit Hours: 1 hr

Prerequisite: Audition

Last Updated: 11/2008; effective Spring 2009

MUSC 250 - Jazz Combo

Small ensemble performance class dealing with various styles of jazz, emphasizing improvisation and chord reading. Open to all students by audition.

Credit Hours: 1 hr

Last Updated: 04/2011; effective Spring 2011

MUSC 251 - Functional Piano

Teaches keyboard skills necessary both for accompaniment of simple music and for developing musical understanding basic to all course work in music.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 252 - Functional Piano

Continuation of MUSC 251. Any break in the continuity of functional piano courses will require an audition before resumption of study.

Credit Hours: 1 hr

Prerequisite: MUSC 251

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 253 - Functional Piano

Continuation of MUSC 252. Stresses keyboard harmony, accompaniment, sight-reading, piano literature and technique. Any break in the continuity of functional piano courses will require an audition before resumption of study.

Credit Hours: 1 hr

Prerequisite: MUSC 252

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 254 - Functional Piano

Continuation of MUSC 253. Additional accompaniment experience, keyboard harmony, improvisation, piano literature and techniques. Any break in the continuity of functional piano courses will require an audition before resumption of study.

Credit Hours: 1 hr

Prerequisite: MUSC 253

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 261 - Basic String Class: Violin

The teaching and playing of the violin from a pedagogical approach. Small and large group instruction and current methods including rote and Suzuki approaches. Designed primarily for music education and music therapy majors.

Credit Hours: 1 hr
Major Restrictions: Music Majors and Minors only
Last Updated: 03/2011

MUSC 262 - String Class: Viola

Continuation of MUSC 261; teaching and playing of viola.

Credit Hours: 1 hr
Prerequisite: MUSC 261
Major Restrictions: Music Majors and Minors only
Last Updated: Links 04/2011

MUSC 263 - String Class: Cello and Double Bass

The teaching and playing of cello and double bass.

Credit Hours: 1 hr
Major Restrictions: Music Majors and Minors only

MUSC 271 - Beginning Classical Guitar

Group instruction in classical guitar through the study of standard beginning methods and repertoire.

Credit Hours: 2 hrs
Major Restrictions: Music Majors and Minors only

MUSC 272 - Intermediate Classical Guitar

Continuation of MUSC 271; group instruction in classical guitar through the study of standard intermediate methods and repertoire.

Credit Hours: 2 hrs
Prerequisite: MUSC 271
Major Restrictions: Music Majors and Minors only
Last Updated: Links 04/2011

MUSC 274 - Functional Guitar

Functional skills for playing guitar. Students will learn guitar notation, chords, and various accompaniment styles.

Credit Hours: 2 hrs
Major Restrictions: Music Majors and Minors only

MUSC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

MUSC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

MUSC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

MUSC 281 - Basic Woodwind Class

The teaching and playing of clarinet.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 282 - Woodwind Class

The teaching and playing of flute and saxophone.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 283 - Woodwind Class

The teaching and playing of oboe and bassoon.

Credit Hours: 1 hr

Major Restrictions: Music Majors and Minors only

MUSC 301W - History of Music to 1750 (Gen Ed Area I, W)

Chronological study of western music in its historical and cultural setting. Recognition of idioms, changing sound, styles and forms of music in medieval, Renaissance and Baroque periods, approximately through 1750. In this course, you will accumulate music history vocabulary, concepts, and understanding as a basis for your developing musicianship and as a foundation of your professional expertise in music.

Credit Hours: 4 hrs

Prerequisite: MUSC 228

Class Restrictions: Junior standing

Major Restrictions: Students in MUSC, MUTR, MEDI, MEDV or MPRF programs only

For music majors, MUSC 301 History of Music satisfies the General Education Writing Intensive requirement. The course has been designed to use writing as a central aspect of the pedagogy, that is, you will write to learn music history. In addition, as an

upper level course for music majors, a significant goal for the course is preparation for professional writing in the field of music.
Last Updated: 03/2009; effective Fall 2010

MUSC 302 - History of Music

A continuation of MUSC 301W (History of Music from 1750 to present), but without the Writing Intensive component.

Credit Hours: 3 hrs

Prerequisite: MUSC 301W

Last Updated: Links 04/2011

MUSC 303 - Music Therapy Clinical Approaches

Provides an exploration of the music therapy literature as it relates to people who are diagnosed with various dysfunctions. Developed are music therapy leadership skills that are necessary to implement goal oriented sessions.

Credit Hours: 2 hrs

Prerequisite: PSY 101 and PSY 103 and (MUSC 238 passed with at least a C-)

Class Restrictions: Junior standing or above

Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Prerequisites 07/2011; Links 04/2011

MUSC 304 - Music Therapy Professional Skills

Exploration of professional skills needed by music therapists in a variety of clinical settings. Includes examination of music therapy literature, development of professional presentational skills and creation of a professional portfolio.

Credit Hours: 2 hrs

Prerequisite: MUSC 303 and MUSC 323

Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 04/2011

MUSC 305 - Keyboard Skills

Develops skills in sight reading, harmonization, transposition, improvisation and score reading.

Credit Hours: 2 hrs

Prerequisite: MUSC 102 and MUSC 254 or department permission

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 309 - Music Therapy Improvisation Ensemble III

This course applies previously learned improvisatory skills to various approaches used in music therapy, including Orff Music Therapy, Nordoff-Robbins Music Therapy and music therapy in conjunction with other creative arts.

Credit Hours: 1 hr

Prerequisite: MUSC 209

Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency

programs only
Last Updated: Links 04/2011

MUSC 315 - Introduction to Digital Music

An introduction to the application of music technology in the studio and classroom. Hands-on lecture demonstrations and projects using digital instruments and software. For musicians interested in gaining a basic knowledge of digital technology.

Credit Hours: 2 hrs
Prerequisite: MUSC 202
Major Restrictions: Music majors only
Last Updated: 05/2011

MUSC 317 - Music Composition

Original writing and analysis of music, beginning with the smaller forms. May be repeated for credit.

Credit Hours: 2 hrs
Prerequisite: MUSC 202 and department permission
Last Updated: Links 04/2011

MUSC 323 - Pre-internship Clinical Training in Music Therapy III

Intermediate fieldwork experience in clinical or educational settings.

Credit Hours: 1 hr
Prerequisite: MUSC 237 and MUSC 238
Class Restrictions: Junior standing or above
Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only
Last Updated: 05/11 - prerequisites; effective 05/11

MUSC 324 - Pre-internship Clinical Training in Music Therapy IV

Continuation of MUSC 323.

Credit Hours: 1 hr
Prerequisite: MUSC 323
Class Restrictions: Junior standing or above
Major Restrictions: Students in Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only
Last Updated: Links 04/2011

MUSC 326 - Conducting

Fundamentals of conducting technique, score reading and interpretation of instrumental and vocal music.

Credit Hours: 2 hrs
Class Restrictions: Junior standing or above
Major Restrictions: Music Majors and Minors only

MUSC 327 - Instrumental Conducting

A practical course in instrumental conducting: score preparation, conducting technique and technical and musical issues pertaining to conducting instrumental works.

Credit Hours: 2 hrs

Prerequisite: MUSC 326

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 328 - Choral Conducting

A practical course in choral conducting: score preparation, conducting technique and technical and musical issues pertaining to conducting choral works.

Credit Hours: 2 hrs

Prerequisite: MUSC 326

Major Restrictions: Music Majors and Minors only

Last Updated: Links 04/2011

MUSC 330 - Music Education in the Elementary School

Organization, planning and teaching of elementary music, and examination, evaluation and preparation of materials based on child growth and development principles. Concurrent placement in schools for observation and prestudent teaching experience.

Credit Hours: 3 hrs

Prerequisite: MUSC 202, MUSC 254, MUSC 326 and Applied Music: AMUS 416A or AMUS 416B status (principal) and AMUS 415A or AMUS 415B status (secondary); requires admission into the College of Education; no students on academic probation.

Class Restrictions: Junior standing or above

Major Restrictions: Music Education Majors only

Terms Offered: Course Rotation Schedule

Last Updated: Link 10/12; Links 04/2011

MUSC 331 - Music Education in the Secondary School

Classification and training of voices; song interpretation; organization and administration of choral ensembles; evaluation of materials suitable for choral organizations and other classes in the secondary school; psychology and philosophy of music education.

Credit Hours: 3 hrs

Prerequisite: MUSC 202, MUSC 254, MUSC 326, MUSC 328 and Applied Music: AMUS 416A or AMUS 416B status (principal) and AMUS 415A or AMUS 415B status (secondary); requires admission into the College of Education; no students on academic probation

Class Restrictions: Junior standing or above

Major Restrictions: Vocal Music Education Majors only

Terms Offered: Course Rotation Schedule

Last Updated: Link 10/2012; Links 04/2011

MUSC 332 - Instrumental Music in the Public Schools

Prepares students to teach instrumental music: organization of beginning classes, selection of materials, techniques of teaching, public relations, and other areas of interest. Special emphasis placed on music for grades four through nine.

Credit Hours: 3 hrs

Prerequisite: MUSC 326; require admission into the college of Education; no students on academic probation

Class Restrictions: Junior standing and above

Major Restrictions: Music Education Majors only

Terms Offered: Course Rotation Schedule

Last Updated: Link 10/2012; Links 04/2011

MUSC 333 - Orchestral Methods

Designed to assist students in their preparation as orchestra directors; special problems relevant to the string orchestra, string ensembles, and the string curriculum in the secondary schools.

Credit Hours: 3 hrs

Prerequisite: MUSC 327; requires admission into the College of Education; no students on academic probation

Class Restrictions: Junior standing or above

Major Restrictions: Instrumental Music Education Majors only

Terms Offered: Course Rotation Schedule

Last Updated: Link 10/2012; Links 04/2011

MUSC 334 - Band Methods

Designed to assist students in their preparation as band directors in secondary schools; charting and drills for marching band; rehearsal procedures and selection of suitable materials for the concert band.

Credit Hours: 3 hrs

Prerequisite: MUSC 327; requires admission into the College of Education; no students on academic probation

Class Restrictions: Junior standing or above

Major Restrictions: Instrumental Music Education Majors only

Terms Offered: Course Rotation Schedule

Last Updated: Link 10/2012; Links 04/2011

MUSC 341 - Contrapuntal Techniques

Writing in polyphonic forms with concomitant analysis.

Credit Hours: 2 hrs

Prerequisite: MUSC 202

Last Updated: Links 04/2011

MUSC 351 - Collegium Musicum

Early music ensemble. Open to all students by audition.

Credit Hours: 1 hr

Prerequisite: Audition

Last Updated: Links 04/2011

MUSC 361 - Music for Piano Instruction

Study of method books and materials suitable for use with beginning- and intermediate-level students.

Credit Hours: 2 hrs

Major Restrictions: Music Majors and Minors only

MUSC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 387 - Cooperative Education in Music

A cooperative work experience in the field of music.

Credit Hours: 3 hrs

MUSC 401 - Music Theory-Literature V

Integration of previous studies in theory-literature and music history; continued study and analysis of music from all periods; original, creative composition with special emphasis on contemporary style.

Credit Hours: 2 hrs

Prerequisite: MUSC 202 (with a grade of C or better) and MUSC 229 (with a grade of C or better)

Last Updated: Links 04/2011

MUSC 402 - Music Theory-Literature VI

Continuation of MUSC 401.

Credit Hours: 2 hrs
Prerequisite: MUSC 401
Last Updated: Links 04/2011

MUSC 404 - Psychology of Music

Exploration of physiologic, neurologic, social, affective and aesthetic influences of music on human behavior. Initial development of research ideas, topics and questions.

Credit Hours: 3 hrs

MUSC 405 - Music Therapy Research

Introduction to evaluation of empirical research in the field; examination of the continued need for investigation and documentation in the profession of music therapy. Completion of a quantitative research proposal.

Credit Hours: 3 hrs
Prerequisite: MUSC 404
Class Restrictions: Junior standing or above
Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only
Last Updated: Links 04/2011

MUSC 409 - Music Therapy Improvisation Ensemble IV

This advanced-level course develops musical accompanying and verbal processing skills used in psychodynamic music therapy approaches.

Credit Hours: 1 hr
Prerequisite: MUSC 309
Class Restrictions: Junior standing or above
Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only
Last Updated: Links 04/2011

MUSC 413 - Orchestration

Practical work in setting compositions for full orchestra and various other instrumental ensembles.

Credit Hours: 2 hrs
Prerequisite: MUSC 202 (with a grade of C or better) and MUSC 229 (with a grade of C or better)
Last Updated: Prerequisite Change 04/2012, effective Fall 2012; Links 04/2011

MUSC 427 - Pre-internship Clinical Training in Music Therapy V

Advanced fieldwork experience in clinical or educational settings.

Credit Hours: 1 hr
Prerequisite: MUSC 324
Class Restrictions: Junior standing or above
Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency

programs only
Last Updated: 03/2011

MUSC 428 - Pre-internship Clinical Training in Music Therapy VI

Advanced fieldwork experience continued.

Credit Hours: 1 hr

Prerequisite: MUSC 427

Class Restrictions: Junior standing or above

Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 04/2011

MUSC 448 - Opera Workshop

A laboratory-performance course that deals with performance of opera scenes and, when feasible, complete works. Open to all students by audition.

Credit Hours: 1 hr

Prerequisite: Audition

Last Updated: Links 04/2011

MUSC 475 - Chamber Music Performance

Study and performance of literature for small chamber groups. May be repeated for credit.

Credit Hours: 1 hrs

Last Updated: Credit hour change 05/2011, effective Fall 2011

MUSC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 488 - Clinical Training Internship in Music Therapy

A minimum of 900 clock hours of supervised training in an approved hospital, clinical or educational setting.

Credit Hours: 2 hrs

Prerequisite: MUSC 428; Completion of all other music therapy curriculum requirements and successful completion of guitar, keyboard and voice competency demonstrations

Major Restrictions: Students in the Bachelor of Music Therapy or Post-Baccalaureate Certificate: Music Therapy Equivalency programs only

Last Updated: Links 04/2011

MUSC 490 - Honors Course in Music

Provides superior students with the opportunity for an intensive program of independent study, original composition, performance or research.

Credit Hours: 2 hrs

Prerequisite: Cumulative GPA of 3.5 in music courses and 3.2 in general education courses; regulations governing honors courses must be followed

Class Restrictions: Senior standing

MUSC 492 - Honors Course in Music

Provides superior students with the opportunity for an intensive program of independent study, original composition, performance or research.

Credit Hours: 4 hrs

Prerequisite: Cumulative GPA of 3.5 in music courses and 3.2 in general education courses; regulations governing honors courses must be followed

Class Restrictions: Senior standing

MUSC 497 - Independent Study

Independent study, under the supervision of a department member, in areas in which the department does not offer a course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 498 - Independent Study

Independent study, under the supervision of a department member, in areas in which the department does not offer a course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

MUSC 499 - Independent Study

Independent study, under the supervision of a department member, in areas in which the department does not offer a course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Physics and Astronomy Programs and Courses

Physics and Astronomy

Major

Engineering Physics Major

Students following this program will earn a bachelor of science degree with a major in physics and will have a strong background in engineering mechanics. Graduates will be well qualified to fill engineering-oriented positions. No minor is required.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes
Department Contact: aoakes@emich.edu
Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Alexandria Oakes
Email: aoakes@emich.edu
Phone: 734.487.8647

Program Adviser: Dr. Weidian Shen
Email: wshen@emich.edu
Phone: 734.487.8797

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 62 hours

Required Math Courses: 18 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 325 - Differential Equations 3 hrs

Required Physics Courses: 26 hours

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

- PHY 224 - Electricity and Light 5 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr
- PHY 420W - Capstone Project (Gen Ed Area I, W) 3 hrs
- PHY 456 - Electronics for Scientists 4 hrs

Required Engineering Mechanics Courses: 11 hours

- PHY 229 - Strength and Elasticity of Materials 4 hrs
- PHY 230 - Engineering Dynamics 4 hrs
- PHY 485 - Fluid Dynamics 3 hrs

Physics Elective Courses: 7 hours

Seven hours from the following:

- PHY 332 - Mechanics Laboratory 1 hr
- PHY 350 - Electricity and Magnetism I 3 hrs
- PHY 431 - Intermediate Mechanics II 3 hrs
- PHY 436 - Vibration and Sound 4 hrs
- PHY 442 - Optics and Optics Laboratory 4 hrs
- PHY 444 - Applied Optics 2 hrs
- PHY 458 - Electronic Devices for Scientists 4 hrs
- PHY 471 - Atomic and Nuclear Physics 3 hrs
- PHY 475 - Introduction to Quantum Mechanics 3 hrs
- PHY 481 - Mathematical Physics 3 hrs
- PHY 497 - Independent Study — Physics 1 hr
- PHY 498 - Independent Study — Physics 2 hrs
- PHY 499 - Independent Study — Physics 3 hrs

Additional Requirements: 11 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- COSC 111 - Introduction to Programming 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

Students desiring a mathematics minor must take MATH 211 - Introduction to Mathematical Proof (3 hrs) or MATH 360 - Statistical Methods (3 hrs) or MATH 370 - Probability and Statistics I (4 hrs) to complete the minor.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Group Major/Minor in General Science

This 56-hour major and minor combination encompasses five areas of study: biology, chemistry, earth science, mathematics and physics. Students must follow regular department requirements to complete a 20-hour cognate minor in one of the areas listed above and a 36-hour group major composed of courses from the other four areas.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Bonnie Wylo

Email: bwylo@emich.edu

Phone: 734.487.8642

Program Advisor: Dr. Beth Kubitskey

Email: mkubitskel@emich.edu

Phone: 734.487.8798

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Group Major (32-36 hrs) with Cognate Minor (20-22): 52-58 hours

Cognate minor in one of the following five science areas: 20-22 hours

- Biology (22 hrs)
- Chemistry (20–21 hrs)

- Earth science (21 hrs)
- Mathematics (20 hrs)
- Physics (21 hrs)

Select courses for your minor in consultation with an adviser in the appropriate department.

Group Major: 32-36 hours

With a biology minor, take the following for a group major:

- Approved elective courses in chemistry, earth science, mathematics and physics (8 hrs)
*see note
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

With a chemistry minor, take the following for a group major:

- Approved elective courses in biology, earth science, mathematics and physics (4 hrs)
*see note
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

With an earth science minor, take the following for a group major:

- Approved elective courses in biology, chemistry, mathematics and physics (7 hrs)
*see note
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

- PHY 222 - Electricity and Light 4 hrs

With a mathematics minor, take the following for a group major:

- Approved elective courses in biology, chemistry, earth science and physics (5 hrs)
*see note
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

With a physics minor, take the following for a group major:

- Approved elective courses in biology, chemistry, earth science and mathematics (5 hrs)
*see note
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** Approved Elective Courses:*

This list is not complete; consult with the general science adviser for other possible courses.

- ASTR 204 - Astronomical Investigations (Gen Ed Area IV) 1 hr
- BIO 205 - Field Biology 4 hrs

- BIO 130 - Biology of Plants 4 hrs
- BIO 140 - Biology of Animals 4 hrs
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- ESSC 114 - Geology of the National Parks (Gen Ed Area IV) 4 hrs
- ESSC 228 - Mineralogy 4 hrs
- ESSC 229 - Rocks and Minerals 3 hrs
- ESSC 320 - Oceanography 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- PHY 330 - Intermediate Mechanics I 3 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PSCI 270 - Relativity, Atomic and Nuclear Physics 3 hrs
- PSCI 305 - Energy and Society 3 hrs
- PSCI 309 - Thermal Science and Heat Transfer 3 hrs
- PSCI 340 - Milestones in Physics and Astronomy for Teachers 3 hrs

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor

- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Physics Major

This major is provided for students who desire a general cultural education with an emphasis on physics, who are preparing for work in another field such as premedicine or prelaw, or who are interested in combining physics with an allied field such as biology, chemistry, astronomy, geology or with the field of business.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Marshall Thomsen

Email: jthomsen@emich.edu

Phone: 734.487.8794

Program: David Pawlowski

Email: dpawlows@emich.edu

Phone: 734.487.8644

Program Adviser: Diane Jacobs
Email: djacobs@emich.edu
Phone: 734.487.8646

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 33 hours

Required Courses: 29 hours

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs
- PHY 330 - Intermediate Mechanics I 3 hrs
- PHY 332 - Mechanics Laboratory 1 hr
- PHY 350 - Electricity and Magnetism I 3 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr
- PHY 420W - Capstone Project (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 2-4 hours

One Laboratory course from the following:

- PHY 436 - Vibration and Sound 4 hrs
- PHY 442 - Optics and Optics Laboratory 4 hrs
- PHY 444 - Applied Optics 2 hrs
- PHY 456 - Electronics for Scientists 4 hrs

Elective Courses: 0-2 hours

Only physics or astronomy undergraduate courses numbered greater than 299 can be used as electives on this major, excluding ASTR 311, PHY 311, PHY 312 and PHY 325 which cannot be used on this major.

Additional Requirements: 18 hours

- COSC 111 - Introduction to Programming 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors. A mathematics minor is highly recommended.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Physics Research Major

The physics research major provides the necessary background for those planning to become professional physicists. The requirements listed below ensure adequate depth and breadth of subject matter in both theoretical and experimental physics and in mathematics. Students successfully completing this major are prepared to enter technical positions in government or industrial research, or to undertake graduate study in physics. Further work at the graduate level is highly recommended. No minor is required.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes
 Department Contact: aoakes@emich.edu
 Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Patrick Koehn
 Email: pkoehn@emich.edu
 Phone: 734.487.8795

Program Adviser: Dr. Natthi Sharma
 Email: nsharma@emich.edu
 Phone: 734.487.8645

Program Adviser: Weidian Shen
 Email: wade.shen@emich.edu
 Phone: 734.487.8797

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Additional Requirements: 7 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- COSC 111 - Introduction to Programming 3 hrs

Major Requirements: 57 hours

Required Mathematics Courses: 18 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 325 - Differential Equations 3 hrs

Required Physics Courses: 32 hours

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs
- PHY 330 - Intermediate Mechanics I 3 hrs
- PHY 332 - Mechanics Laboratory 1 hr
- PHY 350 - Electricity and Magnetism I 3 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr
- PHY 420W - Capstone Project (Gen Ed Area I, W) 3 hrs
- PHY 475 - Introduction to Quantum Mechanics 3 hrs

Restricted Elective Courses: 2-4 hours

One of the following laboratory courses:

- PHY 436 - Vibration and Sound 4 hrs
- PHY 442 - Optics and Optics Laboratory 4 hrs
- PHY 444 - Applied Optics 2 hrs
- PHY 456 - Electronics for Scientists 4 hrs

Elective Courses: 3-5 hours

Only ASTR and PHY undergraduate courses numbered greater than 299 can be used as electives on this major, excluding ASTR 311, PHY 311, PHY 312 and PHY 325 which can never be used on this major. For those planning to pursue graduate studies in physics, PHY 450 - Electricity and Magnetism II is strongly recommended.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

Students desiring a mathematics minor must take MATH 211 - Introduction to Mathematical Proof (3 hrs) or MATH 360 - Statistical Methods (3 hrs) or MATH 370 - Probability and Statistics I (4 hrs) to complete the minor.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Integrated Science Comprehensive Group Major

The preparation of Integrated Science teachers includes courses in the three major categories of science identified in the Michigan Curriculum Framework: life, physical and Earth/space science. Candidates who apply for the secondary integrated science endorsement must pass the Michigan Test for Teacher Certification in integrated science at the secondary level. Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in integrated science, certification code DI. The Michigan Test for Teacher Certification (MTTC) covering this field is #094, "Integrated Science (Secondary)."

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Bonnie Wylo

Email: bwylo@emich.edu

Phone: 734.487.8642

Program Adviser: Dr. Beth Kubitskey

Email: mkubitskel@emich.edu

Phone: 734.487.8798

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.

2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Comprehensive Major Requirements: 57 hours

Life Sciences Courses: 14 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 226 - Global Ecology and the Environment 4 hrs

Physical Sciences Courses: 20 hours

- CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Earth/Space Sciences Courses: 18 hours

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- ASTR 315 - Observational Astronomy 3 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs

Additional Required Courses: 5-6 hours

Choose one option from the following:

Option I:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs

Option II:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

And one course from the following:

- BIO 406 - The Nature of Science 1 hr
- CHEM 406 - The Nature of Science 1 hr
- ESSC 406 - The Nature of Science 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs

- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Integrated Science Comprehensive Group Majors take one of:

- BIOT 403 - Methods for Teaching Secondary Biology 3 hrs
- CHEM 325 - Methodology for Secondary Chemistry Teachers 3 hrs
- ESSC 347 - Methods for Teaching Secondary Earth Science 3 hrs
- PHY 325 - Methods of Teaching the Physical Sciences 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

The below requirement for students to complete a minimum number of credits at the 300-level or higher is waived for this major. The requirement is met through the Initial Teacher Preparation Program (ITPP).

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Physical Science Comprehensive Major

A comprehensive Secondary Physical Science Endorsement prepares candidates to teach physical science courses as identified in the Michigan Curriculum Framework. A minor is not required in this comprehensive group major. The preparation of physical science teachers includes courses in all of the major categories of science with a strong focus on basic chemistry and physics. Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in Physical Science (DP). The Michigan Test for Teacher Certification (MTTC) covering this field is #097, "Physical Science."

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes
Department Contact: aoakes@emich.edu
Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Bonnie Wylo
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Phone: 734.487.8642

Program Adviser: Dr. Beth Kubitskey
Email: mkubitske1@emich.edu
Phone: 734.487.8798

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:

1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 54-55 hours

Required Physical Science Courses: 54-55 hours

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 351 - Foundations of Biochemistry 4 hrs

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PSCI 270 - Relativity, Atomic and Nuclear Physics 3 hrs
- PSCI 305 - Energy and Society 3 hrs
- PSCI 309 - Thermal Science and Heat Transfer 3 hrs
- PSCI 340 - Milestones in Physics and Astronomy for Teachers 3 hrs

Choose one of the following:

- CHEM 406 - The Nature of Science 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

One from the following:

- ASTR 315 - Observational Astronomy 3 hrs
- ESSC 111 - The Earth System through Time 4 hrs

Additional Requirements: 8-9 hours

Life Science Course: 4 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs

Mathematics Course(s): 4-5 hours

One of the following options:

Option I:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs

Option II:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Physical Science Comprehensive Majors take one of:

- CHEM 325 - Methodology for Secondary Chemistry Teachers 3 hrs
- PHY 325 - Methods of Teaching the Physical Sciences 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and

the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Physical Science Group Major

A Secondary Physical Science endorsement prepares candidates to teach physical science courses as identified in the Michigan Curriculum Framework. The preparation of physical science teachers includes courses in all of the major categories of science with a strong focus on basic chemistry and physics. Coupling this group major with a minor in one of the sciences (biology, chemistry, earth science or physics), as required, additionally qualifies a student to apply for certification in that subject at the secondary level. Successful completion of this course of studies, in context of other program requirements, qualifies the student for recommendation for certification for the Michigan Department of Education Secondary Provisional Certificate endorsed in Physical Science (DP). The Michigan Test for Teacher Certification (MTTC) covering this field is #097, "Physical Science."

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Bonnie Wylo

Email: bwylo@emich.edu

Phone: 734.487.8642

Program Adviser: Dr. Beth Kubitskey

Email: mkubitske1@emich.edu

Phone: 734.487.8798

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.

2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 44-52 hours

Option I: With a Physics teaching minor (PHYT-21 hrs), complete the following courses:

Required Physical Science Courses: 36-37 hours

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 351 - Foundations of Biochemistry 4 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- PSCI 340 - Milestones in Physics and Astronomy for Teachers 3 hrs

Choose one from the following:

- CHEM 406 - The Nature of Science 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

Choose one from the following:

- ASTR 315 - Observational Astronomy 3 hrs
- ESSC 111 - The Earth System through Time 4 hrs

Additional Requirements: 8-9 hours

Life Science Course: 4 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs

Mathematics Course(s): 4-5 hours

One of the following options:

Option A:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs

Option B:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Option II: With a Chemistry teaching minor (CHMT-24 hrs), complete the following courses:

Required Physical Science Courses: 37 hours

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- ASTR 315 - Observational Astronomy 3 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PSCI 270 - Relativity, Atomic and Nuclear Physics 3 hrs
- PSCI 305 - Energy and Society 3 hrs
- PSCI 309 - Thermal Science and Heat Transfer 3 hrs
- PSCI 340 - Milestones in Physics and Astronomy for Teachers 3 hrs

Choose one of the following:

- CHEM 406 - The Nature of Science 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

Additional Requirements: 8-9 hours

Life Sciences Course: 4 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs

Mathematics course(s): 4-5 hours

One of the following options:

Option A:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs

Option B:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Option III: With a Biology teaching minor (BIOT-24 hrs), complete the following courses:

Required Physical Science Courses: 39 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PSCI 270 - Relativity, Atomic and Nuclear Physics 3 hrs
- PSCI 305 - Energy and Society 3 hrs
- PSCI 309 - Thermal Science and Heat Transfer 3 hrs
- PSCI 340 - Milestones in Physics and Astronomy for Teachers 3 hrs

Choose one of the following:

- CHEM 406 - The Nature of Science 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

Additional Requirements: 9-10 hours

Life Science Course: 5 hours

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs

Mathematics Course(s): 4-5 hours

One of the following options:

Option A:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs

Option B:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Option IV: With an Earth Science teaching minor (ESCT-21 hrs), complete the following courses:

Required Physical Science Courses: 43 hours

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 351 - Foundations of Biochemistry 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PSCI 270 - Relativity, Atomic and Nuclear Physics 3 hrs
- PSCI 305 - Energy and Society 3 hrs
- PSCI 309 - Thermal Science and Heat Transfer 3 hrs
- PSCI 340 - Milestones in Physics and Astronomy for Teachers 3 hrs

Choose one of the following:

- CHEM 406 - The Nature of Science 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

Additional Requirements: 8-9 hours

Life Science Course: 4 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs

Mathematics Course(s): 4-5 hours

One of the following options:

Option A:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 119 - Applied Calculus (Gen Ed Area II) 3 hrs

Option B:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Physical Science Group Majors take one of:

- CHEM 325 - Methodology for Secondary Chemistry Teachers 3 hrs
- PHY 325 - Methods of Teaching the Physical Sciences 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

Students must select either a physics, chemistry, earth science or biology minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Physics Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in physics, certification code DE, and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the National Science Teachers Association. The Michigan Test for Teacher Certification (MTTC) covering this field is #019, "Physics."

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Diane Jacobs
Email: djacobs@emich.edu
Phone: 734.487.8799

Program Adviser: Dr. Marshall Thomsen
Email: jthomsen@emich.edu
Phone: 734.487.8794

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 35 hours

Required Courses: 31 hours

- ASTR 204 - Astronomical Investigations (Gen Ed Area IV) 1 hr
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs
- PHY 330 - Intermediate Mechanics I 3 hrs
- PHY 332 - Mechanics Laboratory 1 hr
- PHY 350 - Electricity and Magnetism I 3 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr
- PHY 406 - Ethical Issues in Physics 1 hr

Restricted Elective Courses: 2-4 hours

One of the following laboratory courses:

- PHY 436 - Vibration and Sound 4 hrs
- PHY 442 - Optics and Optics Laboratory 4 hrs
- PHY 444 - Applied Optics 2 hrs
- PHY 456 - Electronics for Scientists 4 hrs

Elective Courses: 0-2 hours

Select elective courses in physics and astronomy to complete the 35 hour requirement. Only ASTR and PHY undergraduate courses numbered greater than 299 can be used as electives on this major, excluding ASTR 311, PHY 311, PHY 312 and PHY 325, which can never be used on this major.

Additional Requirements: 26 hours

- COSC 111 - Introduction to Programming 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs

One course from the following:

- CHEM 115 - Chemistry and Society (Gen Ed Area IV) 3 hrs
and
- CHEM 116 - Chemistry and Society Laboratory (Gen Ed Area IV) 1 hr
- CHEM 117 - Fundamentals of Chemistry-Lecture (Gen Ed Area IV) 3 hrs
and
- CHEM 118 - Fundamentals of Chemistry Laboratory (Gen Ed Area IV) 1 hr
- CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
and
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

One course from the following:

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- BIO 130 - Biology of Plants 4 hrs
- BIO 140 - Biology of Animals 4 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Physics Majors take:

- PHY 325 - Methods of Teaching the Physical Sciences 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors. Mathematics is highly recommended.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 30 credits from courses taken at EMU.
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Astronomy Group Minor

This minor is designed to give the student a basic knowledge of astronomy and related fields. It is recommended that students wishing to undertake graduate work in astronomy complete the research major in physics with a minor in either mathematics or astronomy. Electives used to fulfill the astronomy minor cannot be used to complete any other major or minor.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Patrick Koehn

Email: pkoehn@emich.edu

Phone: 734.487.8795

Required Courses: 11 hours

- ASTR 204 - Astronomical Investigations (Gen Ed Area IV) 1 hr
- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- ASTR 315 - Observational Astronomy 3 hrs
- ASTR 370 - Astrophysical Concepts 3 hrs

Restricted Elective Courses: 13 hours

Choose 13 credits from approved courses in physics, astronomy, mathematics or chemistry in consultation with the advising coordinator for astronomy.

Minor Total: 24 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Group Minor in General Science

A group minor in general science (24 credit hours) must be combined with an academic major in biology, chemistry, earth science, mathematics or physics.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Bonnie Wylo

Email: bwylo@emich.edu

Phone: 734.487.8642

Program Adviser: Dr. Beth Kubitskey

Email: mkubitskel@emich.edu

Phone: 734.487.8798

With a major in biology, take the following courses:

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One course from the following:

- Others as approved by general science adviser
- CHEM 123 - General Chemistry II 3 hrs
and

- CHEM 124 - General Chemistry II Laboratory 1 hr
- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- PHY 222 - Electricity and Light 4 hrs

With a major in chemistry, take the following courses:

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One course from the following:

- Others as approved by general science adviser
- BIO 226 - Global Ecology and the Environment 4 hrs
- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- PHY 222 - Electricity and Light 4 hrs

With a major in earth science, take the following:

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One course from the following:

- Others as approved by general science adviser
- BIO 226 - Global Ecology and the Environment 4 hrs
- CHEM 123 - General Chemistry II 3 hrs
and
- CHEM 124 - General Chemistry II Laboratory 1 hr
- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- MATH 121 - Calculus II 4 hrs
- PHY 222 - Electricity and Light 4 hrs

With a major in geology, take the following courses:

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One course from the following:

- Others as approved by general science adviser
- BIO 226 - Global Ecology and the Environment 4 hrs
- CHEM 123 - General Chemistry II 3 hrs
and
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- PHY 222 - Electricity and Light 4 hrs

With a major in mathematics, take the following courses:

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

One course from the following:

- Others as approved by general science adviser
- BIO 226 - Global Ecology and the Environment 4 hrs
- CHEM 123 - General Chemistry II 3 hrs
and
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- PHY 222 - Electricity and Light 4 hrs

With a major in physics, take the following courses:

- ASTR 205 - Principles of Astronomy (Gen Ed Area IV) 4 hrs
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

One course from the following:

- Others as approved by general science adviser
- BIO 226 - Global Ecology and the Environment 4 hrs
- CHEM 123 - General Chemistry II 3 hrs
and
- CHEM 124 - General Chemistry II Laboratory 1 hr
- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs

Minor Total: 24-26 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Physics Minor

The Physics Major is provided for students who plan to work in industry, business, or government in an area where physics is useful, such as medicine, law, technical analysis and financial analysis.

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes

Department Contact: aoakes@emich.edu

Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Marshall Thomsen

Email: jthomsen@emich.edu

Phone: 734.487.8794

Program Adviser: David Pawlowski

Email: dpawlows@emich.edu

Phone: 734.487.8644

Program Adviser: Diane Jacobs

Email: djacobs@emich.edu

Phone: 734.487.8646

Required Courses: 21 hours

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs
- PHY 330 - Intermediate Mechanics I 3 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr

Additional Requirements: 15 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs

Minor Total: 36 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Physics Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in physics, certification code DE. The Michigan Test for Teacher Certification (MTTC) covering this field is #019, "Physics."

Physics and Astronomy Department Information:

Interim Department Head: Alexandria Oakes
Department Contact: aoakes@emich.edu
Website: <http://www.emich.edu/physics>

Adviser Information:

Program Adviser: Dr. Diane Jacobs
Email: djacobs@emich.edu
Phone: 734.487.8799

Program Adviser: Dr. Beth Kubitskey
Email: mkubitske1@emich.edu
Phone: 734.487.8798

Program Adviser: Dr. David Pawlowski
Email: dpawlows@emich.edu
Phone: 734.487.8644

Required Physics and Astronomy Courses: 21 hours

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs
- PHY 330 - Intermediate Mechanics I 3 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 372 - Modern Physics Laboratory 1 hr

Additional Requirements: 15 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs

Minor Total for Science Majors: 36 hours

Minor Total for Non-Science Majors: 40 hours

Students minoring in Physics with secondary certification, but not majoring in a science teaching program, must take the following courses:

- PHY 325 - Methods of Teaching the Physical Sciences 3 hrs
- * PHY 406 - Ethical Issues in Physics 1 hr

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

** BIO 406, CHEM 406, or ESSC 406 may be substituted for PHY 406.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Astronomy

ASTR 105 - Exploration of the Universe (Gen Ed Area IV)

An introductory astronomy course for students in any curriculum. The solar system, stars, galaxies, cosmology and the history of astronomy are covered.

Credit Hours: 3 hrs

Major Restrictions: Cannot be applied toward a Physics Major or Minor

Previously Listed As: ASTR 203

General Education: ASTR204 must be taken concurrently with this course to meet General Education requirements. Students may not receive General Education credit for both ASTR105 and ASTR205.

Area IV: Knowledge of the Disciplines

ASTR 105 Exploration of the Universe [effective Winter 2009]

Students will obtain an understanding of basic astronomy and our place in space by studying the structure of the universe. They will learn to make astronomical observations and use them to stimulate inquiry about our local space environment and to help them understand how our ancestors viewed the sky. Students will become literate scientific citizens by reading primary source articles, producing critical responses and by writing to elected officials to express their views on the doing and funding science in the United States. As such, ASTR 105 meets the requirements of a Natural Science Course in the Knowledge of the Disciplines portion of the new General Education program when taken concurrently with ASTR 204.

Last Updated: 2/28/2011

ASTR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ASTR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ASTR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ASTR 204 - Astronomical Investigations (Gen Ed Area IV)

A laboratory course for the beginning astronomy student. The techniques and concepts of astronomy.

Credit Hours: 1 hr

Lecture/Lab Hours: two hours of laboratory per week.

Corequisites: ASTR 203 or ASTR 205

Area IV: Knowledge of the Disciplines

ASTR 204 Exploration of the Universe [effective Winter 2009]

Students will obtain an understanding of basic astronomy and our place in space by studying the structure of the universe. They will learn to make astronomical observations and use them to stimulate inquiry about our local space environment and to help them understand how our ancestors viewed the sky. Students will become literate scientific citizens by reading primary source articles, producing critical responses, and by writing to elected officials to express their views on the doing and funding of science in the United States. As such, ASTR 105 meets the requirements of a Natural Science Course in the Knowledge of the Disciplines portion of the new General Education program when taken concurrently with ASTR 204.

Last Updated: 2/28/2011

ASTR 205 - Principles of Astronomy (Gen Ed Area IV)

A survey of astronomy and astrophysics for Science, Integrated Science and Secondary Education majors and minors. The course covers the solar system, stars, galaxies, elementary celestial mechanics, light and cosmology. Students will solve appropriate problems and develop models that pertain to the topics.

Credit Hours: 4 hrs

Prerequisite: MATH 110 or placement

General Education: ASTR 204 must be taken concurrently with this course for General Education credit. Students may not receive General Education credit for both ASTR 105 and ASTR205.

Area IV: Knowledge of the Disciplines

ASTR 205 Principles of Astronomy [effective Winter 2009]

Students will obtain an understanding of basic astronomy and our place in space by studying the structure of the universe. They will learn to make astronomical observations and use them to stimulate inquiry about our local space environment and to help them understand how our ancestors viewed the sky. Students will become literate scientific citizens by reading primary source articles, producing critical responses and by writing to elected officials to express their views on the doing and funding of science in the United States. As such, ASTR 205 meets the requirements of a Natural Science Course in the Knowledge of the Disciplines portion of the new General Education program when taken concurrently with ASTR 204.

Last Updated: 2/28/2011

ASTR 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ASTR 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ASTR 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ASTR 297 - Independent Study-Astronomy

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 1 hr

Prerequisite: approval of the faculty member and department permission

ASTR 298 - Independent Study-Astronomy

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 2 hrs

Prerequisite: approval of the faculty member and department permission

ASTR 299 - Independent Study-Astronomy

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 3 hrs

Prerequisite: approval of the faculty member and department permission

ASTR 311 - Astronomy Projects for Elementary Teachers

A hands-on course designed to provide elementary teachers with experience doing projects, in the elementary classroom, to teach astronomy. The course will integrate grade-level appropriate mathematics and writing to investigate and solve astronomical problems. Students also will study human endeavors in space exploration and their impact on societal and technological issues.

Credit Hours: 3 hrs

Prerequisite: ASTR 105 or ASTR 205

Last Updated: 2/28/2011

ASTR 315 - Observational Astronomy

The practical aspects of astronomy emphasizing advanced amateur observational practices such as identification of astronomical objects using charts and references, telescopes, imaging and darkroom techniques, and computer applications.

Credit Hours: 3 hrs

Prerequisite: ASTR 105 or ASTR 205

Last Updated: 2/28/2011

ASTR 370 - Astrophysical Concepts

The emphasis is on the theoretical understanding and analytical treatment of topics in astrophysics. These topics include celestial mechanics, astronautics, planetary atmospheres, stellar structure, stellar evolution, galaxies and cosmology.

Credit Hours: 3 hrs

Prerequisite: PHY 224; or PHY 222 and MATH 121

Last Updated: 2/28/2011

ASTR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

ASTR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ASTR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ASTR 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

ASTR 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ASTR 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ASTR 497 - Independent Study-Astronomy

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 1 hr

Prerequisite: approval of the faculty member and department permission

ASTR 498 - Independent Study-Astronomy

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 2 hrs

Prerequisite: approval of the faculty member and department permission

ASTR 499 - Independent Study-Astronomy

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 3 hrs

Prerequisite: approval of the faculty member and department permission.

Physical Science

PSCI 110 - The Science of Everyday Life (Gen Ed Area IV)

This course is designed to give students a background in the principles of physics as applied to everyday living - a qualitative discussion of the key physical principles and how they relate to modern living and informed decisions about science and society. The laboratory experiments are hands-on experiences to provide evidence in support of underlying physical principles.

Credit Hours: 4 hrs

Lecture/Lab Hours: Four lecture hours and one one-hour laboratory.

Notes: Does not count toward a physics major or minor.

Area IV: Knowledge of the Disciplines

PSCI110 The Science of Everyday Life [was PHY 110]

This course is a general introduction to the physical laws that govern everyday experiences and activities. Examples include the laws of mechanics which govern how motor vehicles behave and how sound is transmitted and perceived. The laws of thermodynamics in part determine our home fuel bills and why layered clothing can keep us warmer. Knowledge of the laws governing the flow of electricity can help us to avoid home electrical fires. understanding the structure of atoms and of the atomic nucleus sheds light on the properties of a wide range of materials as well as one of the reasons for the prodigious energy released by nuclear weapons and the benefits and dangers of nuclear reactors.

PSCI 270 - Relativity, Atomic and Nuclear Physics

This course completes the introductory sequence in college-level, algebra-based physics. Topics include relativity, quantum physics, atomic structure and models, molecules, nuclear fusion and cosmology. Applications include lasers, holography, scanning tunneling microscopes and magnetic resonance imaging. Emphasis is placed on understanding and comprehension as well as the ability to solve relevant mathematical problems.

Credit Hours: 3 hrs
Prerequisite: PHY 222 or PHY 224
Last Updated: Links 04/2011

PSCI 305 - Energy and Society

This course is designed particularly for teachers in physical science as an elementary study of energy concepts and the various relationships between energy and society. The focus is on simple experimental projects, followed by class discussions. Most of the apparatus will be made from materials available in the home or at a variety store.

Credit Hours: 3 hrs
Prerequisite: PHY 222 or PHY 224
Last Updated: Links 04/2011

PSCI 309 - Thermal Science and Heat Transfer

Basic course in the fundamental principles of thermodynamics and heat transfer. Topics include temperature scales, open and closed systems, properties of pure substances, change of state, P-V diagrams, specific heat, enthalpy, entropy, heat engine cycles, heat conduction, convection and radiation. Emphasis is placed on understanding and comprehension as well as the ability to solve relevant mathematical problems.

Credit Hours: 3 hrs
Prerequisite: PHY 222 or PHY 224
Last Updated: Links 04/2011

PSCI 340 - Milestones in Physics and Astronomy for Teachers

A course designed to give students an understanding of the contributions made by selected male and female scientists, from diverse racial and ethnic backgrounds, to the development of physics and astronomy, and the relationship of their ideas to the period in which scientists lived.

Credit Hours: 3 hrs
Prerequisite: PHY 222 or PHY 224 and ASTR 205
Last Updated: Links 04/2011

PSCI 407 - Nature of Science for Elementary Teachers

This course examines the nature of scientific evidence, inquiry, hypotheses, models and law. The development of science is put in the context of the structure of the discipline, its history, and interactions with society. Discussions of modern theories and laws will integrate scientific concepts with the processes of how science works. The class will also provide students with activities to demonstrate these concepts.

Credit Hours: 2 hrs
Prerequisite: ASTR 105, BIO 105, PHY 311, CHEM 312 and ESSC 312
Class Restrictions: Junior standing
Major Restrictions: Elementary Integrated Science Majors only
Cross-Listed with: BIOT 407, CHEM 407, and ESSC 407
Last Updated: Links 06/2011

Physics

PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV)

Designed to stimulate interest in physics by the use of simple and inexpensive equipment to demonstrate scientific principles. Motion, forces, sound, light, heat, electricity and magnetism.

Credit Hours: 3 hrs

Notes: Does not count toward a physics major or minor. Open only to students pursuing any curriculum for elementary teachers.

Area IV: Knowledge of the Disciplines

PHY 100 Physics for Elementary Teachers

This course includes 3 hours of lecture and 1 hour of laboratory each week. In this course all elementary education students are introduced to the core knowledge used in physics to understand phenomenon. This knowledge is an important foundation for studying the other sciences required of the elementary teacher and shows very practically both how physics manifests in our everyday lives and how these concepts can be presented in the elementary classroom. This core knowledge is the same core knowledge used by scientists in every laboratory in the world. The appropriate terminology is introduced and students are shown how to "scale it down" to the elementary student's vocabulary. The assumptions and shortcomings of models are highlighted. Whenever possible, appropriate simple demonstrations are used. Students are asked to estimate results, mathematics and models are used to predict results, and the results are compared with the student's intuition. Modern applications are discussed to guide students to become scientifically literate citizens who are capable of making informed decisions about scientific information.

PHY 101 - Physical Science in the Arts (Gen Ed Area IV)

This course is designed to give students a general background in the basic principles of physics, as applied to art, music and dance, with an emphasis on exploring the nature of music and its production. Laboratory experiments complement the lecture by providing hands-on experiences to verify and demonstrate those principles.

Credit Hours: 4 hrs

Lecture/Lab Hours: Three lecture hours and one two-hour laboratory per week.

Notes: Does not count toward a physics major or minor.

Area IV: Knowledge of the Disciplines

PHY 101 Physical Science in the Arts

Few of us would ever suspect that underlying much of what we experience in our world can be attributed to a handful of basic physical principles. The reason why an ice skater can spin faster when drawing in his arms at the end of a routine is the same reason why the planets orbiting the sun will have different speeds along their orbital paths. This course is a general introduction to the basic physical principles that scientists use to describe the world around you. The purpose of this course is to explore, test and apply the laws, governing many practical aspects of architecture, dance, sounds and musical instruments, light and color, and even planetary motion. This course is a journey to a much fuller understanding of our world through an eclectic approach to science.

PHY 177 - Special Topics

This special topics course will be used to teach aspects of physics at an elementary level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 1 hr

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 178 - Special Topics

This special topics course will be used to teach aspects of physics at an elementary level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 2 hrs

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 179 - Special Topics

This special topics course will be used to teach aspects of physics at an elementary level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 3 hrs

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV)

The first course of an introductory two course sequence in college-level physics. Topics include particle motion, Newton's laws of motion, conservation laws, gravitation, rotation, harmonic motion, sound and thermodynamics. Laboratory: two consecutive hours, one day per week. All physics majors, minors and pre-engineers must elect PHY 223.

Credit Hours: 4 hrs

Prerequisite: (MATH 105 or MATH 119) and MATH 107, or MATH 140 with a C or better in each course; or MATH 112; or MATH 120

Area IV: Knowledge of the Disciplines

PHY 221 Mechanics, Sound and Heat

The purpose of this course is to introduce, explore, test and apply the principles of physics that predict the motion of an object. Today when we take a flight from Detroit to Los Angeles, we expect the arrival time to be within five minutes of predicted time. Such predictions are based on the principles of physics and the tools of mathematics. Other practical applications of these principles include the flight of a baseball, the putting of a golf ball, the motion of the Earth around the sun, the rotation of a bicycle wheel, the setting of bones to allow healing, the vibration of the string on a violin, the flow of air across an airplane wing, and the conduction of heat through a window. PHY 221 presents in detail the foundational principles of motion that all scientists use in their research.

Last Updated: Prereqs. 07/2011; Links 04/2011

PHY 222 - Electricity and Light

A continuation of PHY 221. Topics include electrostatics, fields, potentials, current, magnetism, DC and AC circuits, and geometrical and physical optics. Laboratory: two consecutive hours, one day per week. All physics majors, minors and pre-engineers must elect PHY 221.

Credit Hours: 4 hrs

Prerequisite: PHY 221 or PHY 223; (MATH 105 or MATH 119) and MATH 107, or MATH 140 with a C or better in each course; or MATH 112; or MATH 120

Last Updated: Prereqs. 07/2011; Links 04/2011

PHY 223 - Mechanics and Sound (Gen Ed Area IV)

A basic, calculus-based course in physics for students majoring in physical science and those on a pre-engineering curriculum. Topics include kinematics, Newton's laws, work and energy, conservation laws, rotational motion, oscillations and sound.

Credit Hours: 5 hrs

Lecture/Lab Hours: Laboratory: two consecutive hours, one day per week.

Prerequisite: MATH 120

Area IV: Knowledge of the Disciplines

PHY 223 Mechanics and Sound

The purpose of this course is to introduce, explore, test and apply the principles of physics that predict the motion of an object. Today when we take a flight from Detroit to Los Angeles, we expect the arrival time to be within five minutes of the predicted time. Such predictions are based on the principles of physics and the tools of mathematics. Other practical applications of these principles include the flight of a baseball, the putting of a golf ball, the motion of the Earth around the sun, the rotation of a bicycle wheel, the setting of bones to allow healing, the building of bridges, the vibration of the string on a violin and the flow of air across an airplane wing. PHY 223 presents in detail the foundational principles of motion that all scientists use in their research.

Last Updated: Links 04/2011

PHY 224 - Electricity and Light

A continuation of PHY 223. Static and current electricity, magnetism and light.

Credit Hours: 5 hrs

Lecture/Lab Hours: Laboratory: two consecutive hours, one day per week.

Prerequisite: PHY 223 and MATH 121

Last Updated: Links 04/2011

PHY 229 - Strength and Elasticity of Materials

Fundamental principles of mechanics applied to solids. Equilibrium, elasticity, stress and strain, generalized Hooke's Law, tension, torsion, shear, bending, deflection of beams, theory of columns and strain energy.

Credit Hours: 4 hrs

Lecture/Lab Hours: Four lecture-recitation periods per week. Laboratory required.

Prerequisite: PHY 223 and MATH 121

Last Updated: Links 04/2011

PHY 230 - Engineering Dynamics

Vector representation of physical quantities. Statics of rigid bodies. Friction, kinematics of particles and rigid bodies. Dynamics of particles and rigid bodies. Work and energy.

Credit Hours: 4 hrs

Lecture/Lab Hours: Four lecture-recitation periods per week.

Prerequisite: PHY 223; MATH 121; MATH 122

Last Updated: Links 04/2011

PHY 277 - Special Topics

This special topics course will be used to teach aspects of physics at an intermediate level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 1 hr

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 278 - Special Topics

This special topics course will be used to teach aspects of physics at an intermediate level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 2 hrs

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 279 - Special Topics

This special topics course will be used to teach aspects of physics at an intermediate level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 3 hrs

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 297 - Independent Study

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 1 hr

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

PHY 311 - Teaching Elementary Physical Science

Designed particularly for teachers in elementary science. An elementary study of motion, forces, energy, matter, heat, sound, light, magnetism and electricity. Focus is on simple experimental projects, followed by class discussions. Most of the apparatus will be made from materials available in the home or at a variety store. Offered only to elementary education students.

Credit Hours: 3 hrs

Prerequisite: PHY 100

Last Updated: Links 04/2011

PHY 312 - Electricity Experiments for Elementary Teachers

A practical course designed to help elementary teachers learn the basics of electricity and electrical safety. Students will use grade-level appropriate mathematics, equipment and measurement devices to investigate simple circuits. Electrical energy production, use and conservation will be discussed with reference to U.S. consumers in a global context. Only open to elementary education students.

Credit Hours: 3 hrs

Prerequisite: PHY 100

Last Updated: Links 04/2011

PHY 325 - Methods of Teaching the Physical Sciences

A study of strategies and procedures used in secondary school teaching. Students will be provided with the opportunity to familiarize themselves with the newer science curricula; visit secondary school classrooms; present classroom demonstrations and conduct laboratory work; learn to use modern teaching aids, especially the computer, in classroom teaching; and develop means of evaluating cognitive and affective learning. Two recitation and two laboratory hours per week. Open to prospective teachers following the junior-senior high school curriculum who are majoring or minoring in integrated science or a physical science.

Credit Hours: 3 hrs

Prerequisite: CURR 305; or department permission

Class Restrictions: Junior standing

Major Restrictions: Admission to the Initial Teacher Preparation Program

Notes: Not open to students on academic probation. Students only have the choice of a methods class if they are an Integrated Science Major.

Last Updated: 2/16/2011

PHY 330 - Intermediate Mechanics I

The statics and dynamics of a particle, projectiles with air resistance, central forces, dynamics of a system of particles, vibrational motion and pendulums.

Credit Hours: 3 hrs

Prerequisite: PHY 224; MATH 121; MATH 122

Last Updated: Links 04/2011

PHY 332 - Mechanics Laboratory

A laboratory course providing experimental studies in intermediate mechanics.

Credit Hours: 1 hr

Lecture/Lab Hours: Three hours of laboratory per week.

Concurrent Prerequisite: PHY 330

Last Updated: Links 04/2011

PHY 350 - Electricity and Magnetism I

An introductory course dealing mainly with electrostatics and magnetostatics. The following topics will be covered: vector calculus; Coulomb's law; Gauss's and Ampere's law; electric and magnetic fields; potentials and potential energies; solution of Laplace's equation for rectangular, cylindrical and spherical geometries in the presence of conductors, dielectrics and magnetic materials; electric and magnetic susceptibilities; resistance; capacitance; inductance; electromotive force; and electromagnetic induction.

Credit Hours: 3 hrs

Prerequisite: PHY 224; MATH 223

Last Updated: Links 04/2011

PHY 360 - Heat and Thermodynamics

An intermediate course in the study of heat and thermodynamics. The course will include an introduction of the fundamental concepts followed by specific topics, including thermal expansion, specific heat, change of state, elementary kinetic theory, thermodynamics laws, entropy and other thermodynamic functions. No prior knowledge of thermodynamics is presumed.

Credit Hours: 4 hrs

Prerequisite: PHY 222 or PHY 224; MATH 223

Last Updated: Links 04/2011

PHY 370 - Introduction to Modern Physics

An introduction to modern physics and relativity. The qualitative interpretation, according to the modern quantum theory, of experimental results in atomic and nuclear physics.

Credit Hours: 3 hrs

Prerequisite: MATH 121; PHY 222 or PHY 224

Last Updated: Links 04/2011

PHY 372 - Modern Physics Laboratory

A laboratory course providing experimental studies in such areas as late classical, relativistic, quantum, and nuclear physics.

Credit Hours: 1 hr

Lecture/Lab Hours: Three hours of laboratory per week.

Concurrent Prerequisite: PHY 370

Last Updated: Links 04/2011

PHY 377 - Special Topics

This special topics course will be used to teach some aspects of physics at an advanced level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 1 hr

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 378 - Special Topics

This special topics course will be used to teach some aspects of physics at an advanced level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 2 hrs

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 379 - Special Topics

This special topics course will be used to teach some aspects of physics at an advanced level that would not be regularly offered. A new course may be taught on an experimental basis with this offering.

Credit Hours: 3 hrs

Prerequisite: See department for prerequisites

Last Updated: Links 04/2011

PHY 387 - Cooperative Education in Physics

Four to six months of full-time employment at an industrial firm specially chosen for imparting a practical educational experience in physics. The program consists of two work experiences (PHY387/487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Admittance by application only

Class Restrictions: Junior standing

Notes: Use toward a physics major or minor subject to department permission. Offered on a graded credit/no-credit basis

PHY 390 - Physics Project

A suitable project in physics is to be done on an individual basis. Arrangements must be made with a physics faculty member before the beginning of the semester.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHY 391 - Physics Project

A suitable project in physics is to be done on an individual basis. Arrangements must be made with a physics faculty member before the beginning of the semester.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHY 397 - Independent Study

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 1 hr

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

PHY 398 - Independent Study

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 2 hrs

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

PHY 399 - Independent Study

An intensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 3 hrs

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

PHY 406 - Ethical Issues in Physics

Ethical issues that a career physicist may encounter are studied and discussed. Historical accounts and essays are used to illustrate potential ethical conflicts associated with interactions within the scientific community as well as interactions between the scientific community and society at large.

Credit Hours: 1 hr

Prerequisite: PHY 222 and PHY 224

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 417 - Undergraduate Research Laboratory

Laboratory work of a research nature done under the direction of a staff member working on a research problem. One problem will extend through the semester, with a comprehensive report required. Six hours are to be spent in the laboratory each week. Arrangements must be made with the department before the beginning of the semester.

Credit Hours: 2 hrs

Prerequisite: Department permission

Class Restrictions: Open to Seniors nearing completion of a Physics Major

Major Restrictions: Physics Major

Last Updated: Links 04/2011

PHY 420W - Capstone Project (Gen Ed Area I, W)

This course provides the opportunity to synthesize knowledge of a wide range of physics and engineering topics into a research or design project, from concept development, through test and analysis, to final report. Assessment and development of concept knowledge and practical skills are integral to this course.

Credit Hours: 3 hrs

Prerequisite: (PHY 230 or PHY 330), PHY 360 and PHY 370

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 431 - Intermediate Mechanics II

A continuation of PHY 330. Mechanics of a rigid body, generalized coordinates, the Lagrangian and Hamiltonian functions, relative motion.

Credit Hours: 3 hrs

Prerequisite: PHY 330, MATH 223

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 436 - Vibration and Sound

Detailed studies of vibration and wave motion with specific emphasis on acoustic waves in air and other media. Reflection, refraction and interference of sound; vibrating strings and air columns; electroacoustic transducers; architectural acoustics.

Credit Hours: 4 hrs

Lecture/Lab Hours: Laboratory required. Laboratory meets once per week for three hours.

Prerequisite: PHY 222 or PHY 224; MATH 223

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 442 - Optics and Optics Laboratory

An intermediate course with a laboratory dealing with fundamentals of geometrical, physical and quantum optics. Topics covered include: reflection, refraction, lenses and optical instruments, spectrometers and spectra, interference, diffraction and polarization.

Credit Hours: 4 hrs

Lecture/Lab Hours: Three hours of laboratory per week.

Prerequisite: PHY 222 or PHY 224; MATH 121

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 444 - Applied Optics

A combined lecture/laboratory course covering applications of optics. Applications include, but are not limited to, polarized light devices, laser operation, holography, image processing and fiber optics.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lecture: one hour per week. Laboratory: three consecutive hours per week.

Prerequisite: PHY 224

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 450 - Electricity and Magnetism II

A brief review of electrostatics and magnetostatics. The following topics will be covered: Faraday's Law, displacement current, Maxwell's equations, Poynting vector, plane wave solutions, polarization, wave propagation in dielectrics and conductors, dispersion, Fresnel's equations, guided waves, dipole radiation, Lienard-Wiechert potentials, and radiation theory.

Credit Hours: 3 hrs

Prerequisite: PHY 350; MATH 325

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 452 - Electrical Measurements

An intermediate course in electricity. The fundamental principles involved in measuring electric and magnetic quantities, the use of high-grade electrical apparatus. Experiments include studies of galvanometers, Wheatstone bridges of various forms, potentiometers and standard cells, vacuum tubes, magnetic measurements and methods of measuring capacitance and inductance.

Credit Hours: 4 hrs

Lecture/Lab Hours: Laboratory: four consecutive hours, one day per week.

Prerequisite: PHY 221/PHY 223 and PHY 222 or PHY 224

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 456 - Electronics for Scientists

Theory and application of passive and semiconductor circuit elements. Analog and digital circuit analysis and design problems.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: three hours per week.

Prerequisite: PHY 222 or PHY 224; MATH 121

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 458 - Electronic Devices for Scientists

Electronic devices used in electronic instruments: transistors, logic gates, and interface circuits. Interface techniques with applications to measurements.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture: three hours per week. Laboratory: three hours per week.

Prerequisite: PHY 456

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 462 - Kinetic Theory and Statistical Mechanics

An introduction to the kinetic theory of gases and statistical mechanics. For students concentrating in physics and those contemplating advanced study in related fields of science and engineering. Maxwell-Boltzman distribution law, entropy and probability, transport phenomena, quantum statistics, Bose-Einstein and Fermi-Dirac statistics, the connection between statistical mechanics and thermodynamics, the equation of state, the elementary electron theory of metals and statistical methods in nuclear physics.

Credit Hours: 3 hrs

Prerequisite: PHY 224; MATH 223

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 471 - Atomic and Nuclear Physics

Topics include basic nuclear structure, nuclear decay and radioactivity, nuclear reactions and particle physics.

Credit Hours: 3 hrs

Prerequisite: PHY 370, MATH 121

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 475 - Introduction to Quantum Mechanics

The fundamental ideas of the quantum theory; the dual nature of matter, wave equations and wave packets, observable and linear operators, the application of the Schroedinger and Heisenberg equations to elementary systems, Pauli's theory of electron spin.

Credit Hours: 3 hrs

Prerequisite: PHY 370 and MATH 223

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 477 - Special Topics

This special topics course will be used to teach aspects of physics at an advanced level that would not regularly be offered.

Credit Hours: 1 hr

Prerequisite: see department for prerequisites

PHY 478 - Special Topics

This special topics course will be used to teach aspects of physics at an advanced level that would not regularly be offered.

Credit Hours: 2 hrs

Prerequisite: see department for prerequisites

PHY 479 - Special Topics

This special topics course will be used to teach aspects of physics at an advanced level that would not regularly be offered.

Credit Hours: 3 hrs

Prerequisite: see department for prerequisites

PHY 481 - Mathematical Physics

Advanced mathematical topics for the physics student, with applications drawn from the field of physics. Vectors, matrices, tensors, partial differential equations, contour integration, calculus of variations, integral equations and transforms, eigenvalue functions, perturbation and group theory, special functions.

Credit Hours: 3 hrs

Prerequisite: MATH 325 and PHY 330

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 485 - Fluid Dynamics

An introduction to the statics and dynamics of real and ideal fluids: properties of fluids, mathematical models, dimensional analysis, boundary layer flow, flow in pipes, compressible, incompressible, laminar and turbulent flow.

Credit Hours: 3 hrs

Prerequisite: PHY 230 or PHY 330; PHY 360

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHY 487 - Cooperative Education in Physics

Four to six months of full-time employment at an industrial firm specially chosen for imparting a practical educational experience in physics. The program consists of two work experiences (PHY 387 and PHY 487) alternating with full-time attendance at the

University..

Credit Hours: 3 hrs

Prerequisite: PHY 387; admittance by application only

Notes: Use toward a physics major or minor subject to department permission. Offered on a graded credit/no-credit basis

Last Updated: Links 04/2011

PHY 491 - Special Problems (Honors Courses)

An original experimental or theoretical problem in some area of physics investigated on an individual basis. Arrangements must be made with a staff member before the beginning of the semester.

Credit Hours: 2 hrs

Prerequisite: 20 hours of physics, a B average in physics and department permission

PHY 495 - Readings in Physics (Honors Course)

Designed to give individual students a planned intensive reading program in some field of physics, the subject being chosen jointly by the student and the instructor. A part of this course will be the presentation of an hour-long talk in the chosen subject at an open meeting of the Department of Physics staff and students.

Credit Hours: 1 hr

Prerequisite: 20 hours of physics and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

PHY 497 - Independent Study — Physics

An extensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 1 hr

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

PHY 498 - Independent Study — Physics

An extensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 2 hrs

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

PHY 499 - Independent Study — Physics

An extensive study of a problem or group of problems under the direction of a department faculty member.

Credit Hours: 3 hrs

Prerequisite: Approval by the faculty member and department permission

Last Updated: Links 04/2011

Political Science Programs and Courses

Political Science

Major

Combined Bachelor's Degree in Political Science and Master's of Public Administration Degree

The Combined Bachelor's Degree in Political Science (PLPA) and Master's of Public Administration Degree is an accelerated five year program in which exceptional students will earn both undergraduate and graduate degrees. Students will spend their first three years engaged in undergraduate studies and their final two completing the graduate program. The total number of credits needed for the program will be 150. At the undergraduate level, students will complete their General Education requirements, a minor and an abbreviated version of the undergraduate Political Science major. Starting their fourth year, students will complete all 40-46 hours of the M.P.A. program, and a portion of the credits will double count toward the undergraduate B.S. degree.

The curriculum requires two internships, one as part of the undergraduate major, the second in the M.P.A. portion. Thus, students will have substantial field experience in public administration upon completing the full B.S./M.P.A. program.

http://www.emich.edu/polisci/Internship/undergrad_majors.html

Admission

Students will be invited to apply to the Combined Degree Program by Feb. 1 of their junior year, and will be offered admission by March 1 of their junior year. Applications will require letters of recommendation, a personal statement focusing on career goals and reasons for applying to the program, and an interview with the M.P.A. Director (or a designate). A minimum 3.3 grade-point average will be required for entry to this program.

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

Adviser Information:

Program Adviser: Dr. Gregory Plagens
Email: gplagen1@emich.edu
Phone: 734.487.3113

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

One of the following:

- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 113 - American Government Honors (Gen Ed Area IV) 3 hrs

Undergraduate Requirements: 30 hours

Required Core Courses: 9 hours

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs

Restricted Electives: 6 hours

Two courses from the following:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs

Distribution Requirements: 9 hours

Three courses from the groups listed below, including at least one course from each group:

I. Comparative Politics and International Relations

- PLSC 120 - Global Issues (Gen Ed Area III) 3 hrs
- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

II. Political Theory and Methods:

- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 306 - Contemporary Political Thought 3 hrs
- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs

Graduate Courses Toward Undergraduate Major: 6 hours

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Graduate Courses Toward MPA Only: 34-40 hours

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Combined Bachelor's Degree in Public Administration and Master's of Public Administration Degree (PAPA)

The Combined Bachelor's Degree in Public Administration (PAPA) and Master's of Public Administration Degree is an accelerated five year program in which exceptional students will earn both undergraduate and graduate degrees. Students will spend their first three years engaged in undergraduate studies and their final two completing the graduate program. The total number of credits needed for the program will be 150. At the undergraduate level, students will complete their General Education requirements, a minor and an abbreviated version of the undergraduate Public Administration major. Starting their fourth year, students will complete all 40-46 hours of the M.P.A. program, and a portion of the credits will double count toward the undergraduate B.S. degree.

The curriculum requires two internships, one as part of the undergraduate major, the second in the M.P.A. portion. Thus, students will have substantial field experience in public administration upon completing the full B.S./M.P.A. program.

http://www.emich.edu/polisci/Internship/undergrad_majors.html

Admission

Students will be invited to apply to the Combined Degree Program by Feb. 1 of their junior year, and will be offered admission by March 1 of their junior year. Applications will require letters of recommendation, a personal statement focusing on career goals and reasons for applying to the program, and an interview with the M.P.A. Director (or a designate). A minimum 3.3 grade-point average will be required for entry to this program.

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

Adviser Information:

Program Adviser: Dr. Gregory Plagens
Email: gplagen1@emich.edu
Phone: 734.487.3113

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
or
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Undergraduate Requirements: 30 hours

Required Core Courses: 9 hours

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs

Restricted Electives: 15 hours

Five courses from the following:

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs

- PLSC 364 - Legislative Process 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 431W - Theories of Public Organization (Gen Ed Area I, W) 3 hrs

Graduate Courses Toward Undergraduate Major: 6 hours

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Graduate Courses Toward MPA Only: 34-40 hours

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

International Affairs Major

This curriculum (which counts as a combined major and minor) provides students with an opportunity to develop an understanding of both area and global issues. It is intended to prepare students for participation in a global society, including work with government, business and non-government organizations. It is intended for students who are interested in diplomacy, international affairs and international service.

There are two tracks within this curriculum: **Cognate Option A** does not have a foreign language requirement and is directed to students who either already possess an adequate level of foreign language proficiency or who anticipate employment in which such proficiency is not expected. This curriculum requires 54 hours. **Cognate Option B** includes a foreign language requirement and is strongly recommended for individuals who are seeking work outside the United States or work in which some familiarity with foreign language may be an asset such as the foreign service. This curriculum requires 61-64 credit hours.

Political Science Department Information:

Department Head: Arnold Fleischmann
 Department Contact: afleisch@emich.edu
 Website: <http://www.emich.edu/polisci/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Required Courses: 12 hours

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs

Comparative Politics Courses: 9 hours

Three courses from the following:

- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 355 - European Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 405 - British Law and Politics 3 hrs

International Politics Courses: 6 hours

Two courses from the following:

- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 343L - Model United Nations (Gen Ed Area V LBC) 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 346 - International Political Economy (NEW COURSE) 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

Cognate Option A: 24 hours

Students will select courses from at least two disciplines from an approved list of courses in history, economics, anthropology, geography, african american studies and world language (formerly known as foreign language and bilingual studies, FLABS). If a foreign language is selected, students will consult with a world languages advisor to select an appropriate sequence of classes.

Cognate Option B: 19-23 hours

Students will take an appropriate sequence of courses in a foreign language - French, German, Spanish, Japanese, Chinese, Arabic or Russian - and will select four courses from two disciplines from an approved list of courses in history, economics, anthropology and geography.

Capstone: 3 hours

Students may select one of the following options:

- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs
- PLSC 499 - Independent Study 3 hrs
can be taken either as an undergraduate thesis course or study abroad.

Cognate Courses

African American Studies

- AAS 311 - The African Diaspora 3 hrs
- AAS 313 - Contemporary Africa: The Struggle and Prospects for Development (Gen Ed Area III) 3 hrs

International Economics Perspective

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs
- ECON 412 - Intermediate Microeconomic Analysis 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

International Geography Perspective

- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 111 - Regions and Resources 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 314W - Geography of Russia and Neighboring States (Gen Ed Area I, W) 3 hrs
- GEOG 316 - History and Geography of Modern Europe 3 hrs
- GEOG 318 - Geography of Asia 3 hrs
- GEOG 319 - Geography of Europe 3 hrs
- GEOG 321 - Geography of Latin America 3 hrs
- GEOG 322 - Geography of Africa 3 hrs

International Historical Perspective

- HIST 103 - 20th-Century Civilization (Gen Ed Area III) 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
After one 100-level class, students may select from the following:
- HIST 316 - History and Geography of Modern Europe 3 hrs
- HIST 333 - Europe since 1919 3 hrs
- HIST 339 - Arab-Israeli Conflict 3 hrs
- HIST 341 - The Middle East, 1798 to the Present 3 hrs
- HIST 342 - North Africa, 1798 to the Present 3 hrs
- HIST 344 - Russia since 1855 3 hrs
- HIST 347 - Sub-Saharan Africa to 1885 3 hrs
- HIST 348 - 20th-Century Africa 3 hrs
- HIST 349 - South Africa, 1500-Present 3 hrs
- HIST 350 - History of Canada 3 hrs
- HIST 356 - Latin America: National Period 3 hrs
- HIST 375 - Modern India 3 hrs
- HIST 426 - The United States from 1963 to the Present 3 hrs
- HIST 442 - Modern China 3 hrs
- HIST 443 - Modern Japan 3 hrs
- HIST 456 - Europe since 1945 3 hrs
- HIST 457 - History of Mexico 3 hrs
- HIST 461 - Foreign Relations of the United States 3 hrs

International Social/Cultural Perspective

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (Gen Ed Area III) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 248 - Peoples and Cultures of the Pacific 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ANTH 385 - Culture of Japan 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Political Science Major

For more information regarding internships visit the department site here:
http://www.emich.edu/polisci/Internship/undergrad_majors.html

To fulfill the requirements for a major in political science, students must complete at least 30 hours in the major as specified below, complete at least four courses in the major numbered 300 or above and attain at least a C average in the major. Students are further encouraged to take PLSC 112/PLSC 113, as a general education course, prior to the required core courses and to complete PLSC 112/PLSC 113 and the required core courses within the first nine hours of political science course work. A maximum of three credit hours of independent study or internship/cooperative education courses may be applied to the 30 credit hours required for the major. Finally, neither the independent study, internship/cooperative education course, nor PLSC 470 meets the group distribution requirements specified below under areas of concentration, but any may be taken as free political science electives. Students should consult a departmental adviser for guidance about applying these and special topics courses towards the major.

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Required Core Courses: 9 hours

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs

Two courses from the following:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (Gen Ed Area III) 3 hrs

Area of Concentration: 21 hours

Seven courses from the three groups listed below, including at least one course from each group.

I. American Politics, Public Law and Administration

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs

- PLSC 314 - Civil Mock Trial and Legal Process 3 hrs
or
- PLSC 316 - Criminal Mock Trial and Legal Process 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 335 - Labor in American Politics 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 357 - Campaigns and Elections 3 hrs
- PLSC 358 - Political Parties and Interest Groups 3 hrs
- PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W) 3 hrs
- PLSC 360 - American Politics and the Media 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 386 - U.S. Supreme Court Simulation 3 hrs

II. Comparative Politics and International Relations:

- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 346 - International Political Economy (NEW COURSE) 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 355 - European Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

III. Political Theory and Methods:

- PLSC 306 - Contemporary Political Thought 3 hrs

- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Administration Major

Public administration is a broad-ranging discipline that combines theory and practice, and focuses on the organization of government structure, policies and programs, and the performance of officials. Public administration encourages public policies that are more responsible to human, social and economic needs and that are more efficient and effective.

The public administration major involves a core of course work in public administration and a choice of electives. It may be combined with any number of minors appropriate to the career interests of the student. Students who major in public administration enter a broad range of careers in government service (federal, state or local), nonprofit organizations or business. Some go on to graduate or professional schools in political science, public administration, public policy, business administration or law.

A minor is to be selected in consultation with a public administration adviser. Recommended choices include: computer science, economics, general business, management or writing. Other appropriate minors include: communication, conservation and resource use, criminology and criminal justice, gerontology, historic preservation, journalism, health administration, land use analysis, military science, nonprofit administration, public law and government and social work.

Students are encouraged to take PLSC 112/PLSC 113 American Government as a General Education course prior to the required core courses and to complete PLSC 112/PLSC 113 within the first nine hours of political science course work. With permission of the public administration adviser, six credit hours of internship credit (PLSC 480, PLSC 486/PLSC 488/PLSC 489) or six credit hours of cooperative education credit (PLSC 387/PLSC 487) may be applied to the major. Students should consult an adviser about including these and special topics courses as a part of their program of study.

For more information regarding internships visit the department site here: <http://www.emich.edu/polisci/internships/index.php>

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
or
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Major Requirements: 36 hours

Required Courses: 21 hours

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 431W - Theories of Public Organization (Gen Ed Area I, W) 3 hrs
- * PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs

Elective Courses: 15 hours

Five courses from the following:

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 470 - Seminar in Political Science 3 hrs
- * PLSC 486 - Internship in Political Science/Public Administration 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** Up to six semester hours of internship credit (PLSC 480, PLSC 486, PLSC 488 or PLSC 489) or cooperative education credit (PLSC 387 and PLSC 487) may be applied to the major.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Law and Government Major

The Public Law and Government major focuses student attention on issues related to constitutional, criminal, comparative and international law, legal systems at the state, federal and international levels, and judicial process and behavior as well as alternative methods of dispute resolution. Students who major in public law and government may participate in the Mock Trial competitions and typically continue on to law school prior to a career practicing law. Students are encouraged to take PLSC 112/PLSC 113 as a General Education course prior to the required core courses and to complete PLSC 112/PLSC 113 within the first nine hours of political science course work. Students shall complete at EMU at least three courses in the major numbered 300 or above; and attain at least a C average in the major. A maximum of four credit hours of independent study or internship/cooperative education courses, or a combination of both, may be applied to the 30 credit hours required for the major.

For more information regarding internships visit the department website here:

http://www.emich.edu/polisci/Internship/undergrad_majors.html

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Required Area Courses: 12 hours

- PLSC 385 - Judicial Process and Behavior 3 hrs

One course from each of the following three areas of public law:

Area I:

- PLSC 301 - American Legal System 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Area II:

- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs

Area III:

- PLSC 341 - International Law 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs

Public Law Elective Courses: 9 hours

Students may not double count courses taken in the Required Area Course Requirements.

Select three courses from the following:

- ECON 407 - Economic Analysis and Law 3 hrs
- HIST 465 - United States Constitutional History 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs
- PLSC 314 - Civil Mock Trial and Legal Process 3 hrs
- PLSC 316 - Criminal Mock Trial and Legal Process 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 386 - U.S. Supreme Court Simulation 3 hrs
- PLSC 387 - Cooperative Education in Political Science 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 456 - Criminal Law I 3 hrs
- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs
- PLSC 486 - Internship in Political Science/Public Administration 3 hrs
- PLSC 487 - Cooperative Education in Political Science 3 hrs
- PLSC 488 - Internship in Political Science/Public Administration 6 hrs
- PLSC 489 - Internship in Political Science/Public Administration 9 hrs
- PLSC 497 - Independent Study 1 hrs
- PLSC 498 - Independent Study 2 hrs
- PLSC 499 - Independent Study 3 hrs

Restricted Elective Courses: 9 hours

Select one course from each of the following three groups:

I. American Politics and Administration

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 335 - Labor in American Politics 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 357 - Campaigns and Elections 3 hrs
- PLSC 358 - Political Parties and Interest Groups 3 hrs
- PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W) 3 hrs
- PLSC 360 - American Politics and the Media 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs

II: Comparative Politics and International Relations

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 346 - International Political Economy (NEW COURSE) 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

III: Political Theory and Methods

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs
- PLSC 306 - Contemporary Political Thought 3 hrs
- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Courses may not be counted toward more than one requirement within the major.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Safety Administration Major

The public safety administration program is an interdisciplinary program involving course work in three departments from two colleges within the University. The curriculum is intended to meet the professional development needs of in-service and entry-level personnel in public safety organizations including those involved in law enforcement, public safety, fire protection, private security, disaster and emergency management and corrections, with a competency-based curriculum resting on a strong liberal arts foundation.

The public safety manager's focus is on leadership, public policy, politics and administration. The public safety manager is concerned with issues such as the causes of crime, the nature and impact of criminal behavior, threats to public safety arising from environmental and natural disasters and the nature and operation of correctional institutions. The administrator's responsibilities extend to addressing how the public safety organization develops a response to these problems, the nature of the response and how resources — budgets and personnel — are obtained, utilized and evaluated in responding to problems.

This program builds on the public administration major. Courses are drawn from five groups:

- An interdisciplinary, skills-focused, foundation group
- An administration group directed toward developing an understanding of public and of nonprofit organizations and related personnel, budgeting and administrative skills
- A public safety administration group that addresses conditions, strategies and practices found particularly in public safety agencies
- An area concentration
- An academy or internship component

The program combines both major and minor requirements, and graduating students will be awarded a bachelor's degree in public administration.

Transfer students from associate degree programs in related fields may matriculate into the program. Students transferring from another college must, however, complete all general education course work as required by the University for the bachelor's degree.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

Adviser Information:

Program Adviser: Dr. Joseph Ohren
Email: johren@emich.edu
Phone: 734.487.3113

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 63-64 hours

Foundation Group: 12 hours

One course from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 214 - U.S. Racial and Cultural Minorities (Gen Ed Area III) 3 hrs
- SOCL 214 - U.S. Racial and Cultural Minorities (Gen Ed Area III) 3 hrs

One course from the following:

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 330 - Urban Politics 3 hrs

One course from the following:

- CRM 300 - Criminal Justice 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs

One course from the following:

- CTAC 352 - Communication in Negotiation 3 hrs
- CTAC 354 - Organizational Communication 3 hrs

Administration Group: 12 hours

- PLSC 270 - Public Administration 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs

One course from the following:

- HSEM 412 - Administration of Public Safety Agencies 3 hrs
- PLSC 431W - Theories of Public Organization (Gen Ed Area I, W) 3 hrs

Public Safety Administration Group: 18 hours

- HSEM 380 - Planning and Decision-Making for Public Safety 3 hrs
- HSEM 381 - Public Relations and Public Safety 3 hrs
- HSEM 438 - Human Resource Management for Public Safety Agencies 3 hrs
- HSEM 439 - Managing Critical Incidents for Homeland Security 3 hrs

One course from the following:

- HSEM 453 - Management/Leadership for Public Safety 3 hrs
- PLSC 450 - Managing Public Safety Agencies 3 hrs

One course from the following:

- HSEM 454 - Managing Technology for Public Safety Agencies 3 hrs
- PLSC 451 - Seminar in Public Safety Administration 3 hrs

Area of Concentration: 15-16 hours

Five courses from the following:

- CRM 431 - Policing in Society 3 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 325 - Geomorphology 4 hrs
- HSEM 255 - Emergency Preparedness Planning 3 hrs
- HSEM 306 - Issues in Emergency Preparedness 3 hrs
- HSEM 309 - Natural Hazard Mitigation 3 hrs
- HSEM 433 - Arson Investigation 3 hrs
- HSEM 434 - Hazardous Materials 3 hrs
- HSEM 435 - Incident Command 3 hrs

- HSEM 452 - Current Trends in Emergency Management 3 hrs
- HSEM 475 - Managing Correctional Agencies and Facilities 3 hrs

Academy or Internship/Co-op Experience: 6 hours

Preservice students must complete an internship or cooperative education placement or an accredited academy program; in-service students may substitute credits from an accredited academy program.

- PLSC 488 - Internship in Political Science/Public Administration 6 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Nonprofit Administration Minor

The Nonprofit Administration minor provides an opportunity for students to develop the knowledge and skills related to administrative responsibilities in the nonprofit sector. It is linked to and enables a student to fulfill the Nonprofit Leadership Program's foundation and professional development competencies, and to earn a National Certification in Nonprofit Management and Leadership and the corresponding Certified Nonprofit Professional (CNP) credential. The Nonprofit Administration Minor requires that students without work experience in a nonprofit organization complete an internship for credit in a 501(c)3 organization. Upon graduation, students may go on to work in such organizations as the American Red Cross, Boysville of Michigan, United Way, ACCESS, Freedom House and any of the multitudes of nonprofit human social service, arts/cultural, health care and political nonprofit organizations.

Political Science Department Information:

Department Head: Arnold Fleischmann
 Department Contact: afleisch@emich.edu
 Website: <http://www.emich.edu/polisci/>

Adviser Information:

Program Adviser: Dr. Claudia Petrescu
Email: cpetrescu@emich.edu
Phone: 7343.487.3113

Required Courses: 15 hours

- ACC 246 - Accounting for Public Administrators 3 hrs
- PLSC 336 - Foundations of the U.S. Nonprofit Sector 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs

One course from General Nonprofit Management:

- CTAC 370 - Nonprofit Organizational Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- PLSC 435 - Nonprofit Management and Leadership 3 hrs
- SOCL 462 - Complex Organizations 3 hrs

One course from Human Resource Development and Supervision:

- CTAC 370 - Nonprofit Organizational Communication 3 hrs
- MGMT 384 - Human Resource Management 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs

Elective Courses: 6-9 hours

Two or three courses (depending on whether an internship is required) from the following not previously been taken.

- AAS 231 - Race, Urbanization and the Policy Mindset 3 hrs
- AAS 351 - The Social Context of African American Health (Gen Ed Area IV) 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs
- EDPS 325 - Life Span Human Growth and Development 4 hrs
- JRNL 314 - Writing for Public Relations 3 hrs
- JRNL 408W - Case Studies in Public Relations (Gen Ed Area I, W) 3 hrs
- LAW 393 - Law of Business Enterprises 3 hrs
- LAW 403 - Employment Law 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- PLSC 434 - Nonprofit Board Development 3 hrs
- PLSC 436 - Fundraising for Nonprofits 3 hrs
- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs
- PSY 321 - Child Psychology 3 hrs
- PSY 322 - Psychology of Adolescence 3 hrs
- SOCL 214 - U.S. Racial and Cultural Minorities (Gen Ed Area III) 3 hrs
- SOCL 303 - Sociology of Childhood and Youth 3 hrs

Minor Total: 21-24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Political Science Minor

Students are encouraged to take PLSC 112/PLSC 113 as one of their general education courses, prior to the required core courses and to complete PLSC 112/PLSC 113 and the required core courses within the first nine hours of political science course work.

Political Science Department Information:

Department Head: Arnold Fleischmann
 Department Contact: afleisch@emich.edu
 Website: <http://www.emich.edu/polisci/>

Required Core Courses: 6 hours

Two courses from the following:

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (Gen Ed Area III) 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs

Area of Concentration: 15 hours

Five courses from two of the three following groups:

I. American Politics, Public Law and Administration:

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs
- PLSC 314 - Civil Mock Trial and Legal Process 3 hrs

or

- PLSC 316 - Criminal Mock Trial and Legal Process 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 335 - Labor in American Politics 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 357 - Campaigns and Elections 3 hrs
- PLSC 358 - Political Parties and Interest Groups 3 hrs
- PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W) 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 386 - U.S. Supreme Court Simulation 3 hrs
- WGST 243 - Black Women: Politics and Racism 3 hrs

II. Comparative Politics and International Relations:

- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 355 - European Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

III. Political Theory and Methods:

- PLSC 306 - Contemporary Political Thought 3 hrs
- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs

- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Administration Minor

Students are encouraged to take PLSC 112/PLSC 113 as one of their general education courses, prior to the required core courses and to complete PLSC 112/PLSC 113 and the required core courses within the first nine hours of political science course work.

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

Required Course: 3 hours

- PLSC 270 - Public Administration 3 hrs

Restricted Elective Courses: 12 hours

Four of the following courses:

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 431W - Theories of Public Organization (Gen Ed Area I, W) 3 hrs
- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs

Elective Courses: 9 hours

Three courses from the following:

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs

- PLSC 301 - American Legal System 3 hrs
- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 470 - Seminar in Political Science 3 hrs
- PLSC 486 - Internship in Political Science/Public Administration 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Public Law and Government Minor

Students must complete at Eastern Michigan University at least three courses in the public law and government minor numbered 300 or above. A maximum of four credit hours of independent study or internship/cooperative education courses may be applied to the 21 credit hours required for this minor. Students are encouraged to take PLSC 112/PLSC 113 as one of their general education courses, prior to the required core courses and to complete PLSC 112/PLSC 113, and the required core courses within the first nine hours of political science course work.

For more information regarding internships visit the department website here: http://www.emich.edu/polisci/Internship/undergrad_majors.html

Political Science Department Information:

Department Head: Arnold Fleischmann
Department Contact: afleisch@emich.edu
Website: <http://www.emich.edu/polisci/>

Core Required Courses: 9 hours

One course from each of the following three areas of public law:

Area I:

- PLSC 301 - American Legal System 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs

Area II:

- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs

Area III:

- PLSC 341 - International Law 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs

Public Law Restricted Elective Courses: 6 hours

Students may not double count courses taken in the Core Required Courses section.

Select two courses from the following:

- CRM 460 - Criminal Law II 3 hrs
- ECON 407 - Economic Analysis and Law 3 hrs
- HIST 465 - United States Constitutional History 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (Gen Ed Area III) 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs
- PLSC 314 - Civil Mock Trial and Legal Process 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 386 - U.S. Supreme Court Simulation 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 456 - Criminal Law I 3 hrs
- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs
- PLSC 486 - Internship in Political Science/Public Administration 3 hrs
- PLSC 487 - Cooperative Education in Political Science 3 hrs
- PLSC 488 - Internship in Political Science/Public Administration 6 hrs
- PLSC 489 - Internship in Political Science/Public Administration 9 hrs
- PLSC 497 - Independent Study 1 hrs
- PLSC 498 - Independent Study 2 hrs
- PLSC 499 - Independent Study 3 hrs

Elective Courses: 6 hours

Select two courses from two of the three following groups:

I. American Politics, Public Law and Administration

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 330 - Urban Politics 3 hrs

- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 335 - Labor in American Politics 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 357 - Campaigns and Elections 3 hrs
- PLSC 358 - Political Parties and Interest Groups 3 hrs
- PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W) 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs

II. Comparative Politics and International Relations:

- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs
- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 354 - Canadian Politics 3 hrs
- PLSC 355 - European Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

III. Political Theory and Methods:

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs
- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 306 - Contemporary Political Thought 3 hrs
- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Political Science Teaching Minor

PROGRAM WILL BE PHASED OUT: EFFECTIVE FALL 2012

This minor is only available to students taking the social studies or history major for the purposes of state teacher certification. Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in political science, certification code CD. The Michigan Test for Teacher Certification (MTTC) covering this field is #010, "Political Science." Students are encouraged to take PLSC 112/PLSC 113 as one of their general education courses, prior to the required core courses, and to complete PLSC 112/PLSC 113 and the required core courses within the first nine hours of political science course work.

Political Science Department Information:

Department Head: Arnold Fleischmann
 Department Contact: afleisch@emich.edu
 Website: <http://www.emich.edu/polisci/>

Adviser Information:

Program Adviser: Dr. Jeffrey Bernstein
 Email: jbernstei@emich.edu
 Phone: 734.487.3113

Required Courses: 9 hours

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs

One course from the following:

- PLSC 210 - Introduction to Political Analysis (Gen Ed Area II) 3 hrs
- PLSC 211 - Introduction to Comparative Government (Gen Ed Area III) 3 hrs

- PLSC 212 - Introduction to International Politics (Gen Ed Area IV) 3 hrs
- PLSC 213 - Introduction to Political Thought (Gen Ed Area IV) 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (Gen Ed Area III) 3 hrs

Restricted Elective Courses: 15 hours

Five courses from two of the three areas of concentration:

Area I. American Politics, Public Law and Administration

- PLSC 202 - State and Local Government (Gen Ed Area IV) 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 301 - American Legal System 3 hrs
- * PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs

- PLSC 314 - Civil Mock Trial and Legal Process 3 hrs
or
- PLSC 316 - Criminal Mock Trial and Legal Process 3 hrs

- PLSC 330 - Urban Politics 3 hrs
- PLSC 332 - Intergovernmental Relations and Federalism 3 hrs
- PLSC 335 - Labor in American Politics 3 hrs
- PLSC 352 - Politics of Government Budgeting 3 hrs
- PLSC 357 - Campaigns and Elections 3 hrs
- PLSC 358 - Political Parties and Interest Groups 3 hrs
- PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W) 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PLSC 380 - American Presidency 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 386 - U.S. Supreme Court Simulation 3 hrs

Area II. Comparative Politics and International Relations:

- PLSC 221 - America at War: From Vietnam to Iraq 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 311 - Politics of the Developing World 3 hrs
- PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W) 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs

- PLSC 354 - Canadian Politics 3 hrs
- PLSC 355 - European Politics 3 hrs
- PLSC 361 - Russian Politics 3 hrs
- PLSC 367 - Latin American Politics 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PLSC 372 - African Politics 3 hrs
- PLSC 374 - Asian Politics 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 462 - Russian Foreign Relations 3 hrs
- PLSC 467 - Advanced International Relations 3 hrs

Area III. Political Theory and Methods:

- PLSC 310 - Methods of Political Research 3 hrs
- PLSC 382 - Politics and the 21st Century 3 hrs
- PLSC 320 - Political Science in Literature and Film 3 hrs
- PLSC 306 - Contemporary Political Thought 3 hrs
- PLSC 307 - Democracy and Power 3 hrs
- PLSC 309 - American Political Theory 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

**Students majoring in Social Studies will continue to be expected to take PLSC305, one of the two courses in Area I.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Political Science

PLSC 112 - American Government (Gen Ed Area IV)

An overview of the structure and function of American national government, focusing on how government is designed, how individuals form and act on their political preferences, how these preferences are transmitted to government, and how government acts (and does not act) on what its citizens want.

Credit Hours: 3 hrs

Notes: Not open to those with credit in PLSC113; offered on a credit/no-credit basis.

Area IV: Knowledge of the Disciplines

PLSC 112 American Government

This course provides students with critical exposure to the methods used by social scientists in creating knowledge. Political Science 112 provides a thorough grounding in American government. It also provides a strong introduction to the discipline of political science. In this course, students gain exposure to how knowledge is generated in the social sciences through the lens of one content area, that of American government. Through material covered in the course, students gain practice in asking important questions about the political world and answering them using the methods practiced in this social science discipline.

Last Updated: 03/2011; effective Spring 2011

PLSC 113 - American Government Honors (Gen Ed Area IV)

An enhanced overview of the structure and function of American national government, focusing on how government is designed, how individuals form and act on their political preferences, how these preferences are transmitted to government, and how government acts (and does not act) on what its citizens want.

Credit Hours: 3 hrs

Notes: Not open to those with credit in PLSC112.

Area IV: Knowledge of the Disciplines

PLSC 113 American Government Honors

This course provides students with the critical exposure to the methods used by social scientists in creating knowledge. Political Science 113 provides a thorough grounding in American government. It also provides a strong introduction to the discipline of political science. In this course, students gain exposure to how knowledge is generated in the social sciences through the lens of one content area, that of American government. Through material covered in the course, students gain practice in asking important questions about the political world and answering them using the methods practiced in this social science discipline.

PLSC 120 - Global Issues (Gen Ed Area III)

This course examines global concerns that transcend boundaries of local and national communities. It emphasizes global perspectives and approaches to analyzing and solving world problems. Each semester will focus on a particular contemporary global issue (such as terrorism, genocide, human rights, global gender issues, ethnic identity/conflict, migration, and democratization).

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

PLSC 120 Global Issues [effective Spring 2008]

People of diverse cultural and national backgrounds and experiences are relating to each other much more frequently and intensively, all around the world, than ever before. Global trade, the Internet, climate, migration, terrorism and concepts of human rights are just a few of the many types of interactions that are bringing distant people together in ways that may involve conflict or collaboration. This course will help develop awareness of the changing global context in which we live, of the importance of appreciating diverse perspectives and of the need for building bridges of communication and tolerance to address shared global challenges. Many global issues are controversial and subject to varying perspectives. Each semester, the course will focus on a particular contemporary global issue (such as terrorism, genocide, human rights, global gender issues, ethnic identity and conflict, migration and democratization), not to find a single "correct" solution, but rather to develop skills in analyzing diverse interpretations and considering our own roles and civic responsibilities on a global scale.

PLSC 177A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 177B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 177C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 177D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 177E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 177F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 177G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 177 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 178G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 178 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 179G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 179 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 202 - State and Local Government (Gen Ed Area IV)

A study of the forms and functions of state and local governments with special emphasis on the government of Michigan. Especially valuable for teachers of social studies in senior and junior high schools.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PLSC 202 State and Local Government [effective Winter 2009]

State and Local Government course looks at the critical exposure to the methods used by social scientists in creating knowledge. It provides a thorough grounding in sub-national governments in the American federal governmental system. It also provides a strong introduction to the discipline of political science. In this course, students gain exposure to how knowledge is generated in the social sciences through the lens of one content area, that of state and local government. Through material covered in the course, students gain practice in asking important questions about politics and government and answering them using the methods practiced in this social science discipline.

PLSC 210 - Introduction to Political Analysis (Gen Ed Area II)

An introduction to techniques for using data to test a wide range of theories regarding how the political world operates. Focus is on building skill in using quantitative and qualitative techniques to understand political phenomena ranging from individual voting behavior to international cooperation and conflict.

Credit Hours: 3 hrs

Last Updated: Gen Ed Approval 06/2006, effective Summer 2006

PLSC 211 - Introduction to Comparative Government (Gen Ed Area III)

Develops conceptual tools for comparative analysis of diverse political systems, examining selected nation-states to identify and explain similarities and differences in regime types and patterns of politics. Also examines the interaction of global forces (such as colonialism, the Cold War, and global markets) with domestic social and political change.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

PLSC 211 Comparative Politics

From the fall of the Berlin Wall to the rise of ethnic and religious nationalisms to the new challenges of a global marketplace, the world's politics are in transition. As people and events around the world become more interconnected, it is increasingly vital to understand the dramatic political changes going into the 21st century in order to gain global awareness and perspectives on the diverse world in which we live. This course offers an introduction to the study of politics and political issues in countries around the world, with particular focus on cases selected to reflect the diversity of societies and political systems. In comparing specific national responses to common problems, we will be learning not only about how governments work and how people change their form of government, but also about methods of comparative analysis (i.e., how to gain perspective through comparison) and

about how the global context shapes and interacts with diverse peoples and governments. The course materials is organized thematically' countries of diverse economic, social and cultural types will be compared regarding a variety of topics (such as democracy, authoritarianism, capitalism, socialism, nationalism, development and globalization).

Last Updated: Format 10/2012

PLSC 212 - Introduction to International Politics (Gen Ed Area IV)

An introduction to major theories and approaches in the study of international relations. The course considers the character of the international system, causes of conflict and war, foreign policy decision-making, determinants of economic development, and global environmental degradation. It also examines current issues such as terrorism, the protection of human rights, and globalization.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PLSC 212 Introduction to International Politics

Political Science 212 introduces students to the study of international relations (IR), one of the main fields of political science. This course emphasizes how political scientists acquire and share knowledge about the world. The course requires students to use the theoretical frameworks of the study of IR - realism, neo-realism, liberals, and feminism - to pose and address questions about contemporary issues and problems, including interstate disputes and wars, economic globalization, the increasing inequality among rich and poor nations, protection of human rights, threats to environmental quality and population growth. Through examination of research on such topics, students become familiar with the process of research and acquire the ability to critically evaluate the design of, and results from, research. The course also provides students with the opportunity to gather, examine and interpret data and to report the findings of their research, thus contributing to their understanding of how inquiry is conducted and knowledge is disseminated in political science. In sum, the course prepares students for citizenship in a global community by not only giving them basic factual knowledge of international relations and global processes, but also by providing them with the tools necessary to understand and explain international events and global patterns of change.

PLSC 213 - Introduction to Political Thought (Gen Ed Area IV)

Fundamental concepts, language and arguments in Western political thought from the Classical to the contemporary post 9/11 world will be analyzed focusing on the basic themes of: liberty, equality, justice, fairness, representation and authority. This course meets the GE Requirement in the Humanities as well as being one of the core courses for the major in Political Science, Public Law and Public Administration.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

PLSC 213 Political Theory

This course introduces students to the philosophical approach to the discipline of political science. Through careful and exacting readings of primary texts, students are introduced to the body of philosophical thought on politics and governing that has developed over 2500 years, learn how philosophical knowledge of politics is developed and disseminated, and learn to develop their own questions and a method for seeking answers to those questions in the discipline. Through a combination of close readings of the texts and placing the text in the historical context, students will gain a basic knowledge of selective works in political philosophy including the ideas or doctrines contained in the practices and approaches used in this long tradition of political reflection.

PLSC 215 - Civil Rights and Liberties in a Diverse US (Gen Ed Area III)

We will survey how a wide variety of groups and individuals sought and currently seek legal protection and recognition through the Constitution, judicial interpretation and legislation. Exposure to these struggles will allow the student to experience a wide range of perspectives and critique how the legal system and society has dealt with clashes between diverse elements of the U.S.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

PLSC 215 Civil Rights and Liberties

This course introduces students to issues of diversity in American society, workplace, schools and community through an examination of the historical development of civil liberties and civil rights in the United States. As such, it fulfills the I.S. Diversity requirement of the General Education curriculum. The course explores how many different groups and individuals have used the guarantees of liberty and equal protection of the laws provided for in the U.S. Constitution and its amendments to challenge unjust laws, break down social intolerance, prejudice and stereotypes, advance their socioeconomic interests and participate more fully in the political and economic life of the nation. By reading and analyzing the decisions of the federal courts, particularly the Supreme Court, in key civil liberties and civil rights cases, students will acquire an understanding of the experiences of the various groups and cultures that have struggled, and continue to struggle, for freedom equality and justice in the United States. They will also explore the social and ideological causes of the intense conflicts over civil liberties and rights that have shaped American history as well as those which shape our politics today. As a result of the study of major legal cases, students will leave the course with an understanding of the cultural complexity of American society as well as a deeper sense of their own civic and cultural identity.

PLSC 216 - Municipal Government

A study of forms and functions of municipal government.

Credit Hours: 3 hrs

PLSC 221 - America at War: From Vietnam to Iraq

Course explores the causes and effects of recent U.S. military interventions from Vietnam to the present. Particular attention will be given to the development and features of the military industrial complex as well as comparison of the geopolitical and military strategies of the Cold War and the Global War on Terror.

Credit Hours: 3 hrs

PLSC 242 - Black Women: Politics and Racism

An analysis of American politics as it relates to African American women. The course examines ways in which political issues affect Black women differently than African American men, white men and white women. Considerable attention is given to the definition of the political realm as opposed to the non-political realm when discussing groups traditionally marginalized or excluded from political life.

Credit Hours: 3 hrs

Cross-Listed with: AAS 242

Last Updated: 2/17/2011

PLSC 243 - Black Women: Politics and Racism

An analysis of American politics as it relates to African American women. The course examines ways in which political issues affect Black women differently than African American men, white men and white women. Considerable attention is given to the definition of the political realm as opposed to the nonpolitical realm when discussing groups traditionally marginalized or excluded from political life.

Credit Hours: 3 hrs

Cross-Listed with: AAS 243/WGST 243

Last Updated: Links 04/2011

PLSC 270 - Public Administration

This course examines the nature of public administration; problems connected therewith — direction and organization; recruitment, training, and promotion of personnel; maintenance of loyalty and efficiency.

Credit Hours: 3 hrs

PLSC 277A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 277B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 277C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 277D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 277E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 277F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 277G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 277 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 278G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 278 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 279G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 279 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 297 - Independent Study

Approved studies on an individual basis in areas in which the department does not offer formal courses.

Credit Hours: 1 hr

PLSC 298 - Independent Study

Approved studies on an individual basis in areas in which the department does not offer formal courses.

Credit Hours: 2 hrs

PLSC 299 - Independent Study

Approved studies on an individual basis in areas in which the department does not offer formal courses.

Credit Hours: 3 hrs

PLSC 301 - American Legal System

A survey of various substantive components of the American system of law and its function in a democratic society. Special emphasis is placed upon problems of law enforcement, legal agencies and the processes involved in the administration of criminal justice.

Credit Hours: 3 hrs

PLSC 305 - Law and Policy in a Constitutional Democracy

This course explores the political and legal processes that shape the development and interpretation of major constitutional principles. We will discuss the sources and context for American law and examine how actors in the legal and political systems across all levels of government contribute to the laws that govern American society.

Credit Hours: 3 hrs

Class Restrictions: Open to Sophomores, Juniors, Seniors and Post-Baccalaureate students

PLSC 306 - Contemporary Political Thought

An examination of 20th and 21st century political theories and ideologies around the world including: liberal democracy and its conservative critics; varieties of fascism, socialism and communism; globalization and its critics; national and ethnic ideologies; international religious fundamentalism; and global environmentalism.

Credit Hours: 3 hrs

PLSC 307 - Democracy and Power

An analysis of citizen democracy and its relation to the power and legitimacy of governments around the world, both past and present, using classic writings, current journalistic and scholarly literature. The focus will be on: the scope and limits of governmental power; socio-economic, racial, gender and regional inequalities; and challenges to democratic politics in time of war, mass media and virtual communication.

Credit Hours: 3 hrs

PLSC 308 - Political Violence and Revolution

Examines political violence and revolution in comparative and international perspective. Considers theories and cases of structural violence rooted in social injustice; diverse forms and motives of political violence (such as war, rebellion, terrorism, ethnic conflict, national liberation); patterns and cycles of violence and non-violent alternatives; and the dynamics of revolution.

Credit Hours: 3 hrs

PLSC 309 - American Political Theory

An analysis of what makes American political thought and values both exceptional and reflective of Western political culture, from 18th century Founding to the post 9/11 21st century. Classic writings, journalism and other media, and contemporary scholarship by Americans and non-American observers, will be emphasized.

Credit Hours: 3 hrs

PLSC 310 - Methods of Political Research

Continued exploration of political analysis techniques introduced in PLSC 210. Attention is paid to data gathering and hypothesis testing, with an emphasis on applying these techniques to real-world political problems. Possible applications include doing applied research work for local municipalities or developing and implementing public opinion surveys.

Credit Hours: 3 hrs

Prerequisite: PLSC 210

Last Updated: Links 04/2011

PLSC 311 - Politics of the Developing World

An examination of politics in developing countries, highlighting the relation between economic development and social/political change. The course investigates the colonial legacy and contemporary sociopolitical conditions, focusing on themes such as race/ethnicity and religion, gender, social polarization, role of the military, nationalisms, democratization, states and markets, globalization.

Credit Hours: 3 hrs

PLSC 312 - Constitutional Law: Institutions and Process

This course focuses on the foundations, adoption and development of the US Constitution and its impact on the development and operation of American governmental institutions and economic liberty. The course introduces students to landmark cases that interpret and implement the American Constitutions.

Credit Hours: 3 hrs

PLSC 313 - Constitutional Law: Civil Rights and Liberties

This course focuses on the foundations, adoption and development of the US Constitution and its impact on the development of civil rights and liberties in American law. Special emphasis is placed on the Bill of Rights, the 14th amendment and the right to privacy. The course introduces students to landmark cases that interpret and implement the American Constitution.

Credit Hours: 3 hrs

PLSC 314 - Civil Mock Trial and Legal Process

This course covers the basics of the actual trial process, the specifics of mock trial competition and rules, and introduces the fundamental elements of the legal research process. Legal methodology will be introduced and developed throughout the course. This course is intimately connected with the University's Mock Trial Team and is used as a vehicle to train and practice for competition. Students may take the course without participating on the University's team.

Credit Hours: 3 hrs

PLSC 316 - Criminal Mock Trial and Legal Process

This course covers the basics of the actual trial process, the specifics of mock trial competition and rules, and introduces the fundamental elements of the legal research process. Legal methodology will be introduced and developed throughout the course. This course is intimately connected with the University's Mock Trial Team and is used as a vehicle to train and practice for competition. Students may take the course without participating on the University's team.

Credit Hours: 3 hrs

Last Updated: Course Number Change 01/2012, effective Winter 2012

PLSC 320 - Political Science in Literature and Film

A discussion and analysis of political theories, institutions, and practices utilizing a storehouse of insightful and articulate materials not normally tapped in traditional political science courses: the works of essayists, aphorists, dramatists, pamphleteers, poets and novelists.

Credit Hours: 3 hrs

Prerequisite: At least nine hours of political science course work completed

Class Restrictions: Junior or Senior standing or department permission

Major Restrictions: Political Science Majors or Minors only

Previously Listed As: PLSC 410

Last Updated: 01/2009; effective Fall 2009

PLSC 327W - American Foreign Policy Process (Gen Ed Area I, W)

This course explores the content and conduct of American foreign policy. It examines American foreign policy history, theories of decision making, foreign policy actors inside and outside government, as well as specific policy areas including national security, economic prosperity, the environment, and human rights.

Credit Hours: 3 hrs

Rationale: The course will not only enhance students' ability to think critically about American foreign policy, it will also help them to develop and express their ideas through the modes of writing used in the discipline of political science. By completing the writing assignments, students will become proficient in the forms and conventions of writing in the discipline and thus strengthen a variety of skills essential for research, including reading comprehension, the formulation of research questions, review of the scholarly literature, identification of appropriate sources of information and data, accurate summarization of complex arguments and information, analysis of data, and argumentation. Through conducting their own research and writing a research paper, students will strengthen their understanding of how scholars create knowledge of the world.

Last Updated: 2/11/11; effective Fall 2011

PLSC 330 - Urban Politics

An examination of the urban political environment in the United States; structure, processes, power relationships, ethnic considerations, fiscal constraints and select, specific policy areas are considered.

Credit Hours: 3 hrs

PLSC 332 - Intergovernmental Relations and Federalism

A study of intergovernmental relations in the United States focusing on recent trends in the federal system. Examines significant developments and alternatives in shared governmental responsibilities, such as metropolitan reorganization, grant programs and regionalism.

Credit Hours: 3 hrs

PLSC 334 - Personnel Administration in Government

An examination of the basic personnel management practices of public bureaucracies. Topics include the development of the merit system and the civil service; public sector requirements for hiring, promotion, pay and benefits; discipline and grievance handling; the development and impact of public-sector collective bargaining.

Credit Hours: 3 hrs

Last Updated: Links 09/2011

PLSC 335 - Labor in American Politics

An examination of the role played by American labor as a political pressure group and as an agent of voter mobilization; American labor voting patterns; the political impact of labor organization on the civil service; American role in international union affairs.

Credit Hours: 3 hrs

PLSC 336 - Foundations of the U.S. Nonprofit Sector

This course provides students with a grounding in the historical and philosophical foundations of the nonprofit sector in American Society. Using an interdisciplinary approach, this course will help students understand the evolution of the nonprofit sector, its capacities and limitations, as well as its distinctiveness.

Credit Hours: 3 hrs

PLSC 341 - International Law

A study of the development of international law and world society over time. Examinations of the effect of treaties, customary law, and equity on the role of the United Nations Security Council, international courts, human rights, the law of the sea, war crimes, and other selected topics.

Credit Hours: 3 hrs

PLSC 342 - International Organizations

The theory and practice of various types of international organizations (including intergovernmental and nongovernmental). Examines their efforts to create collective solutions to problems such as security, human rights and humanitarian issues, environmental and resource challenges, and global economic governance.

Credit Hours: 3 hrs

PLSC 343L - Model United Nations (Gen Ed Area V LBC)

Explores the structure and function of the United Nations in a changing global context. Course includes an in-depth simulation of varying countries and their positions, aims and role within the UN. Students learn about foreign policy analysis, multilateral diplomacy, international organizations, and contemporary global issues.

Credit Hours: 3 hrs

Prerequisite: PLSC 211 or PLSC 212 and department permission

Notes: This course can be taken more than once. The second enrollment is PLSC 344(L).

Last Updated: Links 03/2011

PLSC 344L - Model United Nations (Gen Ed Area V LBC)

Explores the structure and function of the United Nations in a changing global context. Course includes an in-depth simulation of varying countries and their positions, aims and role within the UN. Students learn about foreign policy analysis, multilateral diplomacy, international organizations, and contemporary global issues.

Credit Hours: 3 hrs

Prerequisite: PLSC 211 or PLSC 212 and department permission

Last Updated: Links 03/2011

PLSC 345 - War and Peace in the Nuclear Age

This course is about international security, war, and policies to foster peace under the shadow of nuclear weapons. After investigating power distributions, military strategies, deterrence, arms control and disarmament, great-power concerts, collective security, and multilateralism, as well as negotiation and mediation, the course focuses on nuclear proliferation and international peacekeeping.

Credit Hours: 3 hrs

Previously Listed As: PLSC 222

Last Updated: Course Number Change 10/2011, effective Winter 2012

PLSC 346 - International Political Economy (NEW COURSE)

This course examines the impact of politics on the global economy. This course discusses broad ideas such as capitalism, socialism and communism, and how they have shaped the global economy. The course also attempts to understand a better understanding of major global challenges (such as movements for democracy, oil diplomacy, environmental degradation, international conflict etc.) due to economic globalization.

Credit Hours: 3 hrs

Concurrent Prerequisite: PLSC 210 or PLSC 211 or PLSC 212

Last Updated: New Course 06/2012, effective Winter 2013

PLSC 352 - Politics of Government Budgeting

An analysis of the political significance and the procedures of governmental budgeting in the United States.

Credit Hours: 3 hrs

PLSC 354 - Canadian Politics

Analysis of the Canadian political system in terms of historical background; political environment; constitutional structure; legislative, executive, and judicial processes; political parties and pressure groups; public opinion and voting behavior; political problems and trends.

Credit Hours: 3 hrs

Last Updated: Title Change 05/2011, effective Fall 2011

PLSC 355 - European Politics

This course examines the development and performance of the European model of representative democracy, variations in European model, the patterns of social cleavage and resulting party systems in various European nations, and the factors that have contributed to national wealth and economic growth in the continents.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or above

PLSC 357 - Campaigns and Elections

An analysis of presidential and congressional elections. Topics include campaign strategies, role of the media and the impact of political action committees (PACS). Attention given to how individuals decide how to participate in the process, whether election results reflect the will of the people and to elections in other democracies.

Credit Hours: 3 hrs

PLSC 358 - Political Parties and Interest Groups

This course addresses a variety of issues related to the formation, maintenance and behavior of organized political groups. Primary focus is on political parties and interest groups in the United States. However, cross-national comparisons will be included whenever possible.

Credit Hours: 3 hrs

PLSC 359W - Public Opinion and Political Learning (Gen Ed Area I, W)

Examines how individuals form their political opinions and on how these opinions are measured (primarily through public opinion polling) and transmitted to government (primarily through elections). Considers the role public opinion plays in policy-making, and grapples with questions of the role it ought to play.

Credit Hours: 3 hrs

Last Updated: Links 04/2011

PLSC 360 - American Politics and the Media

This course examines the relationship between the media and American politics. We consider the various delivery mechanisms of news and information, and the impact of that information on both citizens and policy makers. From the earliest newspapers to the most contemporary digital information flow, the dynamic role of the media and its relationship to politics provide the basis for this course.

Credit Hours: 3 hrs

Concurrent Prerequisite: PLSC 112 or PLSC 113

Last Updated: New Course 01/2012, effective Winter 2012

PLSC 361 - Russian Politics

Course explores the continuing political, economic, and social transformation of Russia, the largest and most powerful successor state of the Soviet Union. Current political patterns and trends are analyzed within the broader context of Russian and Soviet political history and compared to democratic transformations in other post-communist states.

Credit Hours: 3 hrs

Last Updated: Title change 05/2011, effective Fall 2011

PLSC 362 - Black Women: Religion and Sexism

An introduction to the social and political role of Black women in African American religious institutions. Particular attention will be placed on how African American religion has limited the power of women. Additionally, the course will examine the historical evolution of the various major black denominations in America and their political and social roles in African American communities.

Credit Hours: 3 hrs

Cross-Listed with: AAS 362/WGST 362

Last Updated: Links 04/2011

PLSC 364 - Legislative Process

A study of the agencies, procedures, and influences in the formation of public policy by Congress, state legislatures and administrative agencies.

Credit Hours: 3 hrs

PLSC 365 - Women and Politics

A study of the role of women in American politics as voters, activists, and candidates, with consideration of how the political behavior of women relates to their economic, social and religious roles. Comparisons are made with select European and Asian political systems.

Credit Hours: 3 hrs

Cross-Listed with: WGST 365

Last Updated: Links 04/2011

PLSC 367 - Latin American Politics

A study of patterns and selected cases in Latin American politics, with special attention to social movements and grassroots perspectives. Students develop a comparative framework for analyzing domestic and international forces affecting politics and regime change. Themes include neocolonialism, authoritarianism and democracy, reform and revolution, indigenous and women's movements, globalization.

Credit Hours: 3 hrs

PLSC 371 - Middle East Politics

The course focuses on the politics of several countries of the Middle East, devoting particular attention to the Arab- Israeli conflict, Iran's nuclear ambitions, the Israeli nuclear program, secularism, Al Qaeda and terrorism, and the meaning of jihad.

Credit Hours: 3 hrs

Last Updated: Title change 05/2011, effective Fall 2011

PLSC 372 - African Politics

An approach to comparative politics through the examination of patterns of politics in Africa, including colonialism and decolonization, nationalist movements, ethnic conflict, transition to multiracial politics, challenges of state formation and regime change in sub-Saharan Africa.

Credit Hours: 3 hrs

Last Updated: Title change 05/2011, effective Fall 2011

PLSC 374 - Asian Politics

A study of the politics of Asia, including various regime types (such as liberal democratic, communist, and authoritarian capitalist). Comparative analysis will include themes such as political culture and ideology, political history, and changing roles of Asian countries in global politics and international political economy.

Credit Hours: 3 hrs

Last Updated: Title change 05/2011, effective Fall 2011

PLSC 377A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 377B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 377C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 377D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 377E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 377F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 377G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 377 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 378G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 378 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 379G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 379 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 380 - American Presidency

A study of executive power, emphasizing the contemporary presidential role and how it has evolved, the politics of candidate choice, the personal qualities and political styles of recent presidents, and the array of formal and informal institutions constituting the modern presidency.

Credit Hours: 3 hrs

PLSC 381 - Public Policy Analysis

An examination of the political and administrative process of policy-making and the techniques of analyzing policy issues such as welfare, education, crime and economic development.

Credit Hours: 3 hrs

PLSC 382 - Politics and the 21st Century

A study of the political and public policy directions of the future. Consideration will be given to worldwide political developments and alternative political futures as affected by accelerating sociopolitical and technological change.

Credit Hours: 3 hrs

PLSC 385 - Judicial Process and Behavior

A study of the judicial process and behavior in the United States with emphasis on analysis of policy making by the courts. Federal judicial structures and functions, decision making procedures and political ideology, and judicial review.

Credit Hours: 3 hrs

PLSC 386 - U.S. Supreme Court Simulation

This semester long simulation affords students the opportunity to explore Supreme Court behavior. Each student will play the role of one justice and one litigation group. Justices will decide which cases they will consider, hear oral arguments and write decisions. Litigants will bring prospective cases to the Court, write legal briefs and engage in oral arguments.

Credit Hours: 3 hrs

Prerequisite: Department permission

Class Restrictions: Junior standing

Last Updated: Links 04/2011

PLSC 387 - Cooperative Education in Political Science

Four to six months of full-time employment in the public sector intended to provide practical experience in government, politics or administration. The program consists of two directed work experiences (PLSC387/487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: Departmental recommendation required

Class Restrictions: Junior standing

Major Restrictions: Political Science Majors, Public Administration Majors and Public Law and Government Majors only

Notes: Applications of credit toward political science programs subject to department approval. Graded on a credit/no-credit basis.

Last Updated: Links 04/2011

PLSC 390 - Poverty, Human Rights and Health (Gen Ed Area III)

This interdisciplinary course examines international connections between poverty, human rights, and health, focusing on how social/political structures and public policies affect human well being. Prerequisite for PLSC 391/HLAD 391, experiential learning through a class trip to a developing country to meet community organizers and policy specialists working on poverty and health issues.

Credit Hours: 3 hrs

Class Restrictions: Sophomore, Junior or Senior standing

Cross-Listed with: HLAD 390

Area III: Perspectives on a Diverse World

PLSC 390 Poverty, Human Rights and Health [effective Spring 2008]

Poverty is a central, if not the central, global problem of our time: it is connected to, or underlies, multiple problems and issues such as pandemics, regime instability, civil strife, terrorism and war. This course addresses the extent and causes of global economic inequality as well as the effects of profound poverty on health, human rights, human development and the quality of individual life. It explores the patterns of social, political and economic domination that sustain poverty and limit the opportunities of the very poor. Particular attention is devoted to the role of international economic institutions, multinational corporations and the advanced industrial nations, including the United States, in shaping the politics and economic development of countries and peoples in the global South. The course will also introduce students to international standards of human rights and the institutions and organizations that seek to protect those rights.

Last Updated: Links 04/2011

PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health

Interdisciplinary course offering experiential learning through travel abroad to a developing country to meet community organizers and policy specialists working on poverty and health issues. Examines connections between poverty, human rights, and health, focusing on how social/political structures and public policies affect human well being.

Credit Hours: 3 hrs

Prerequisite: PLSC 390/HLAD 390

Class Restrictions: Sophomore, Junior or Senior standing

Last Updated: Links 04/2011

PLSC 405 - British Law and Politics

An analysis of the British Legal and Political systems as they relate to political environment; institutional design; legislative, executive, and judicial processes; political parties and pressure groups; public opinion and voting behavior; and current political problems and trends.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W)

An analysis of the issues involved in comparing and contrasting legal systems around the world. Specific attention will be focused on institutional structure and sources of law examined against the historical background in which these laws and institutions were formed. Select legal systems will be compared and contrasted for illustration.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PLSC 431W - Theories of Public Organization (Gen Ed Area I, W)

An introduction to theories of organization as related to public bureaucracies in a democratic political context.

Credit Hours: 3 hrs

Prerequisite: PLSC 270

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PLSC 434 - Nonprofit Board Development

This course covers the best practices of nonprofit boards, board performance assessment, volunteer management and trends in board development. Board composition, recruiting, evaluation, leadership and board-staff relationships are discussed with an eye toward assembling and maintaining the most effective board possible.

Credit Hours: 3 hrs

PLSC 435 - Nonprofit Management and Leadership

This course explores major issues in the nonprofit sector including operations, board selection and development, strategic planning, marketing and governmental relations. The course emphasizes identification of critical management and leadership competencies through theory and practice, and the course has an Academic Service Learning component.

Credit Hours: 3 hrs

PLSC 436 - Fundraising for Nonprofits

This course provides the fundamentals in understanding of how nonprofits raise funds and prepare students who are interested in working in the nonprofit sector as fundraisers, and managers. It is part of the Nonprofit Administration minor and fulfills an American Humanities competency.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Last Updated: Prerequisite change 12/2011, effective Winter 2012; Links 04/2011

PLSC 450 - Managing Public Safety Agencies

Analysis of public-sector management elements, including planning, organizing, leading, controlling, and communicating, presented in the context of, and applied to, internal police/fire and corrections administration.

Credit Hours: 3 hrs

Prerequisite: PLSC 431W

Last Updated: Links 04/2011

PLSC 451 - Seminar in Public Safety Administration

A capstone seminar in the public safety administration concentration; integrates previous course work in law, management and politics by focusing on contemporary problems and issues in public safety operations, including attention to leadership, organizational conflict and resource allocation/utilization; utilizes a case approach.

Credit Hours: 3 hrs

Class Restrictions: Senior standing

PLSC 456 - Criminal Law I

A study of criminal law currently in use in the United States with emphasis upon the way its basic concepts function; its principal components and problems central to its impact upon the political system.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

PLSC 462 - Russian Foreign Relations

An examination of Russia's international relations and foreign policy from the tsarist period to the present. Particular attention is given to how Russia's turbulent domestic politics shapes its foreign policy and international behavior, Russia's contemporary international role, its relations with other post-Soviet states, and interactions with major powers, including the U.S.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

PLSC 467 - Advanced International Relations

The course will explore, through case studies, the ways in which ideas, cultural differences and different political systems combine to produce the international politics of today. Special attention will be paid to the United States in this process as well as the role of economics and international organization. Limit: 25 students.

Credit Hours: 3 hrs

Prerequisite: PLSC 212

Last Updated: Links 04/2011

PLSC 470 - Seminar in Political Science

Examination and utilization of research techniques in the preparation of a major seminar paper in political science, public administration or public law and government.

Credit Hours: 3 hrs

PLSC 477A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 477B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 477C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 477D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 477E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 477F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 477G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 1 hr

Previously Listed As: PLSC 477 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 478G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 2 hrs

Previously Listed As: PLSC 478 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479A - Topics in American Politics

An examination of a topic in American Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479B - Topics in Public Law

An examination of a topic in Public Law not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479C - Topics in Public Administration

An examination of a topic in Public Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479D - Topics in Nonprofit Administration

An examination of a topic in Nonprofit Administration not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479E - Topics in Comparative Politics

An examination of a topic in Comparative Politics not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479F - Topics in International Relations

An examination of a topic in International Relations not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 479G - Topics in Theory and Methods

An examination of a topic in Theory and Methods not normally covered in the curriculum, in which the distinctive concerns of political science are emphasized. Students may elect this course several times, provided different topics are studied, but it may be taken only twice for credit toward a major or minor in political science.

Credit Hours: 3 hrs

Previously Listed As: PLSC 479 - Special Topics

Last Updated: Course Number and Title Change 05/2012, effective Fall 2012

PLSC 480 - Field Seminar in Political Science/Public Administration

Designed to help students relate their field experience to some aspect of political science or public administration.

Credit Hours: 3 hrs

Prerequisite: Department Permission

Last Updated: Links 04/2011

PLSC 486 - Internship in Political Science/Public Administration

Extends classroom learning through practical experience with legislative, administrative, and other public-sector agencies at all levels of government.

http://www.emich.edu/polisci/Internship/undergrad_majors.html

Credit Hours: 3 hrs

Prerequisite: Department permission

Major Restrictions: Political Science and Public Administration Majors and Minors only

Last Updated: Links 04/2011

PLSC 487 - Cooperative Education in Political Science

Four to six months of full-time employment in the public sector intended to provide practical experience in government, politics or administration. The program consists of two directed work experiences (PLSC 387/PLSC 487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: PLSC 387 or departmental recommendation required

Class Restrictions: Senior standing

Notes: Applications of credit toward political science programs subject to department approval. Graded on a credit/no-credit basis.

Last Updated: Links 04/2011

PLSC 488 - Internship in Political Science/Public Administration

Extends classroom learning through practical experience with legislative, administrative, and other public-sector agencies at all levels of government.

http://www.emich.edu/polisci/Internship/undergrad_majors.html

Credit Hours: 6 hrs

Prerequisite: Department permission

Major Restrictions: Political Science and Public Administration Majors and Minors only

Last Updated: Links 04/2011

PLSC 489 - Internship in Political Science/Public Administration

Extends classroom learning through practical experience with legislative, administrative, and other public-sector agencies at all levels of government.

http://www.emich.edu/polisci/Internship/undergrad_majors.html

Credit Hours: 9 hrs

Prerequisite: Department permission

Major Restrictions: Political Science and Public Administration Majors and Minors only

Last Updated: Links 04/2011

PLSC 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer formal courses.

Credit Hours: 1 hrs

Prerequisite: Department permission

Class Restrictions: Senior standing

Major Restrictions: Normally restricted to Political Science Majors

Last Updated: Links 04/2011

PLSC 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer formal courses.

Credit Hours: 2 hrs

Prerequisite: Department permission

Class Restrictions: Senior standing

Major Restrictions: Normally restricted to Political Science Majors

Last Updated: Links 04/2011

PLSC 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer formal courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Class Restrictions: Senior standing

Major Restrictions: Normally restricted to Political Science Majors

Last Updated: Links 04/2011

Psychology Programs and Courses

Psychology

Major

Psychology Major

The major in psychology is designed to provide a general and in-depth survey of the fields in the science of psychology and to prepare students to work with people in several career areas. Further study beyond the baccalaureate is required to enter professional career work.

Psychology Department Information:

Department Head: Carol Freedman-Doan
Department Contact: cfreedman@emich.edu
Website: <http://www.emich.edu/psychology/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 32 hours

Required Courses: 14 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- PSY 103 - General Psychology Laboratory (Gen Ed Area IV) 1 hr
- PSY 205 - Quantitative Methods in Psychology 3 hrs
- PSY 301W - Introductory Experimental Psychology (Gen Ed Area I, W) 4 hrs
- PSY 453 - History and Systems of Psychology 3 hrs

Restricted Elective Course: 12 hours

Select one course from each of the following categories:

I. Adjustment and Personality:

- PSY 360 - Abnormal Psychology 3 hrs
- PSY 451 - Dynamics of Personality 3 hrs

II. Biological:

- PSY 357 - Sensation and Perception 3 hrs

- PSY 457 - Physiological Psychology 3 hrs
- PSY 458 - Comparative Animal Behavior 3 hrs

III. Learning and Motivation:

- PSY 304 - Learning 3 hrs
- PSY 356 - Motivation and Emotion 3 hrs

IV. Development and Social:

- PSY 309 - Social Psychology 3 hrs
- PSY 321 - Child Psychology 3 hrs

Psychology Elective Courses: 6 hours

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Human Sexuality Minor

Psychology Department Information:

Department Head: Carol Freedman-Doan
 Department Contact: cfreedman@emich.edu
 Website: <http://www.emich.edu/psychology/>

Required Courses: 12 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- PSY 240 - Psychology of Sex Part I 3 hrs
- PSY 380 - Psychology of Sex II: Identity, Sex, and Gender 3 hrs
- PSY 480 - Psychology of Sex III: Atypical Sexual Behavior 3 hrs

Restricted Electives: 12 hours

- AAS 362 - Black Women: Religion and Sexism 3 hrs
- ANTH 355 - Anthropology of Women 3 hrs
- ANTH 437 - Kinship and Social Structure 3 hrs
- BIO 269 - Biology of Sex and Gender 3 hrs
- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- ECON 328 - Economics of Women 3 hrs
- HIST 325 - History of Sexuality 3 hrs
- HIST 415 - Sexual Communities in American History 3 hrs
- HLED 130 - Healthy Sexuality 3 hrs
- HLED 302 - From Host to Host: The Communicable Diseases 1 hr
- HLED 460 - Concepts in Sexuality Education 3 hrs
- PSY 242 - Psychology of Women 3 hrs
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- PSY 397 - Individual Reading in Psychology 1 hr
- PSY 398 - Individual Reading in Psychology 2 hrs
- PSY 399 - Individual Reading in Psychology 3 hrs
- PSY 477 - Special Topics 1 hr
- PSY 478 - Special Topics 2 hrs
- PSY 479 - Special Topics 3 hrs
- PSY 497 - Individual Research in Psychology 1 hr
- PSY 498 - Individual Research in Psychology 2 hrs
- PSY 499 - Individual Research in Psychology 3 hrs
- SOCL 204 - Marriage and Family 3 hrs
- SOCL 344 - Sociology of Gender 3 hrs
- SWRK 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons 3 hrs
- WGST 202 - Introduction to Gender and Sexuality (Gen Ed Area III) 3 hrs
- WGST 242 - Psychology of Women 3 hrs
- WGST 260 - Gender Communication (Gen Ed Area III) 3 hrs
- WGST 269 - Biology of Sex and Gender 3 hrs
- WGST 325 - History of Sexuality 3 hrs
- WGST 328 - Economics of Women 3 hrs
- WGST 344 - Sociology of Gender 3 hrs
- WGST 355 - Anthropology of Women 3 hrs
- WGST 362 - Black Women: Religion and Sexism 3 hrs
- WGST 415 - Sexual Communities in American History 3 hrs
- WGST 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons 3 hrs

Minor Total: 24 hours

Note:

Students may not take more than six credits of PSY courses as electives.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Psychology Minor

The minor provides students entering many career fields a fuller scientific understanding of human experience, behavior, needs, desires and potentialities. The minor is flexible; within limits it may be designed to meet the needs of each student.

Psychology Department Information:

Department Head: Carol Freedman-Doan
Department Contact: cfreedman@emich.edu
Website: <http://www.emich.edu/psychology/>

Required Courses: 3-4 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
or
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
and
- PSY 103 - General Psychology Laboratory (Gen Ed Area IV) 1 hr

Elective Courses: 16-17 hours

Sixteen to seventeen hours selected in consultation with an advising coordinator.

Minor Requirements: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Psychology Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in psychology, certification code CE. The Michigan Test for Teacher Certification (MTTC) covering this field is #011, "Psychology."

Psychology Department Information:

Department Head: Carol Freedman-Doan
 Department Contact: cfreedman@emich.edu
 Website: <http://www.emich.edu/psychology/>

Required Courses: 3-4 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
or
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
and
- PSY 103 - General Psychology Laboratory (Gen Ed Area IV) 1 hr

Elective Courses: 16-17 hours

Sixteen to seventeen hours selected in consultation with an advising coordinator.

Minor Total: 20 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Psychology

PSY 101 - General Psychology Lecture (Gen Ed Area IV*)

Principles, theories and methods evolving from the scientific analysis of behavior. *PSY 103 must be completed in addition to PSY 101 to satisfy four credits of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week

Area IV: Knowledge of the Disciplines

PSY 101 General Psychology (*PSY 103 must be completed in addition to count for this General Education credit)

General Psychology Lecture and its required companion laboratory course (PSY 103) present basic principles of psychology that have been established by applications of the scientific method. They will also examine key historical developments that will help illustrate how knowledge and theories in science are dynamic. In the laboratory portion of the course, students generate data

designed to provide an introduction to scientific discovery to demonstrate particular scientific principles, and how to reach conclusions based on controlled observations.

In this course, students will study basic principles of psychology that have been established by applications of the scientific method. They will also examine key historical developments that will help illustrate how knowledge and theories in science are dynamic. Students will generate data designed to demonstrate particular principles and how to reach conclusions based on controlled observations. Because of its focus on the scientific method and on applications of scientific methodology.

Last Updated: Links 06/2011

PSY 103 - General Psychology Laboratory (Gen Ed Area IV)

Laboratory demonstrations and experiments illustrating concepts presented in PSY 101 lectures. PSY 101 must be completed in addition to PSY 103 to satisfy four credit hours of the Knowledge of the Disciplines - Natural Science portion of the General Education program.

Credit Hours: 1 hr

Lecture/Lab Hours: Laboratory: two hours per week

Concurrent Prerequisite: PSY 101

Area IV: Knowledge of the Disciplines

PSY 101 General Psychology

General Psychology Lecture and its required companion laboratory course (PSY 103) present basic principles of psychology that have been established by applications of the scientific method. They will also examine key historical developments that will help illustrate how knowledge and theories in science are dynamic. In the laboratory portion of the course, students generate data designed to provide an introduction to scientific discovery to demonstrate particular scientific principles, and how to reach conclusions based on controlled observations.

In this course, students will study basic principles of psychology that have been established by applications of the scientific method. They will also examine key historical developments that will help illustrate how knowledge and theories in science are dynamic. Students will generate data designed to demonstrate particular principles and how to reach conclusions based on controlled observations. Because of its focus on the scientific method and on applications of scientific methodology.

Last Updated: Links 04/2011

PSY 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 203 - Self-analysis and Control

Behavioral principles and techniques that can be applied to behavioral self-analysis and self-management. Student-initiated self-improvement projects encouraged.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 205 - Quantitative Methods in Psychology

Basic concepts and methods used in the analysis of psychological data. Methods of describing and drawing inferences from sets of data.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and one of: MATH 104, MATH 105, MATH 110, MATH 118, MATH 120, MATH 170 (with a grade "C" or better in these Math courses) or College-Level Math Placement (53 or higher), MATH placement Level 4.

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 207 - Psychology of Adjustment

Systematic presentation of issues, concepts, principles and theories of human adjustment.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 225 - Psychology of Religion

The application of psychological theory, principles and method to the study of religious behavior. The relationships between religion and personality, health/pathology, social behavior and intense emotional experience.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 240 - Psychology of Sex Part I

Survey of the psychological research concerned with human sexuality from a psychological point of view with an emphasis on research findings.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Title Change 06/2011, effective Fall 2011; Links 04/2011

PSY 242 - Psychology of Women

Theories and empirical research concerning personality development in females. Examination of the origins of the behavior of women.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Cross-Listed with: WGST 242

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 301W - Introductory Experimental Psychology (Gen Ed Area I, W)

Design, control and measurement techniques employed in the scientific investigation of behavior; e.g., motivation, emotion, perception and learning.

Credit Hours: 4 hrs

Prerequisite: PSY 205

Last Updated: Links 04/2011

PSY 304 - Learning

Includes learning theories and empirical research as developed by Pavlov, Thorndike, Guthrie, Tolman, Hull, Skinner, Mowrer and others, plus select contemporary topics.

Credit Hours: 3 hrs

Prerequisite: PSY 301W

Last Updated: Links 04/2011

PSY 309 - Social Psychology

The order and regularity underlying processes of human interaction. Motives and attitudes, social norms and roles, the socialization process, personality and group membership. The effect of group membership upon individual behavior.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Notes: Not open to those with credit in SOCL 308.

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 321 - Child Psychology

The development of human behavior from conception to adolescence. Analysis of developmental processes involved in cognition, socialization, emotion and personality, relying on research and theory; emphasis on developmental trends. Not open to students in early elementary education curriculum.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 322 - Psychology of Adolescence

An opportunity to formulate, examine and understand a comprehensive, balanced picture of the physical, mental, emotional, social, and ideological developments and adjustments during adolescence.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 323 - Psychology of Human Aging

Aging individuals in the context of their life span; the special problems of the aged in modern American society. Intellectual functioning, socialization and personality, environmental effects, and the problems of isolation and institutionalization.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Class Restrictions: Junior or Senior standing or Second Bachelor's students only

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 340 - Psychological Perspectives on Prejudice and Discrimination

The psychological processes underlying the phenomena of prejudice and discrimination. A review of materials on personality and development relevant to the practice of discrimination and to the experience of prejudice on the part of both minority and majority group individuals.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Class Restrictions: Sophomore standing

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 350 - Environmental Psychology

The psychological effects of various environmental settings and configurations on human behavior. Select qualities of architectural spaces, urban environments and natural settings.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 351 - Industrial Psychology

Applications of psychological methods and principles to industrial problems.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Class Restrictions: Junior or Senior standing

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 356 - Motivation and Emotion

Review and analysis of theory and research in the areas of motivation and emotion.

Credit Hours: 3 hrs

Prerequisite: PSY 301W

Last Updated: Links 04/2011

PSY 357 - Sensation and Perception

Analysis of the psychological literature relating to sensory and perceptual experience.

Credit Hours: 3 hrs

Prerequisite: PSY 301W

Last Updated: Links 04/2011

PSY 358 - Cognitive Processes

A review of the theoretical and empirical developments concerned with cognitive processes, such as concept formation, memory and retrieval from memory, language acquisition, thought, problem solving, imagination, and creativity.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 360 - Abnormal Psychology

Modern theories of the origin of mental disorders and personality disturbances, nature and mechanism of the various forms of abnormal behavior, prevention and treatment, social significance of aberrations.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 361 - Psychotherapy

Survey of therapeutic systems and research on psychotherapy.

Credit Hours: 3 hrs

Prerequisite: PSY 360

Last Updated: Links 04/2011

PSY 362 - The Psychology of Stress and Relaxation

An introduction to the theoretical aspects of stress, stress reactions, stress assessment, and stress management and prevention.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 365 - Behavior Modification

For students in psychology, special education, social work, nursing and related fields. Techniques for coping with problem behaviors. Training in practical observation and recording procedures, program evaluation designs, and behavior change principles.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 366 - Health Psychology/Behavioral Medicine

The application of behavioral-science theory, principles, and techniques to understanding of health and illness, and to prevention, diagnosis, treatment, rehabilitation and health care delivery.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 380 - Psychology of Sex II: Identity, Sex, and Gender

This course is an advanced study in the psychological aspects of human sexuality. It is intended to help students develop an increased awareness of how their various social identities (e.g., their sex, gender, sexual orientation, physical abilities, etc.) influence their understanding of sex, sexuality, and their behaviors in and attitudes about society.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and PSY 240

Last Updated: New Course 06/2011, effective Fall 2011

PSY 387 - Cooperative Education in Psychology

Four months of full-time employment at an individual employer chosen to provide practical experience in the student's major field. The program consists of two work experiences (PSY 387/PSY 487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: two 300-level psychology courses and department permission

Last Updated: Links 06/2011

PSY 388 - Psychology in the Field Setting

A practical work experience in a supervised mental health setting that integrates scholarly and practical aspects of psychology. Approximately three hours of fieldwork each week and completion of a journal of goals and experiences.

Credit Hours: 2 hrs

Prerequisite: PSY 101

Concurrent Prerequisite: A three-hour psychology class and/or department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 397 - Individual Reading in Psychology

Supervised reading on psychological problems.

Credit Hours: 1 hr

Prerequisite: PSY 101 and prior department approval of a planned reading program

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 398 - Individual Reading in Psychology

Supervised reading on psychological problems.

Credit Hours: 2 hrs

Prerequisite: PSY 101 and prior department approval of a planned reading program

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 399 - Individual Reading in Psychology

Supervised reading on psychological problems.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and prior department approval of a planned reading program

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 445 - Consumer Psychology

A survey of psychological principles, theories and methodology relating to consumer behavior.

Credit Hours: 2 hrs

Prerequisite: PSY 101

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 448 - Seminar in Psychology

A synthesis of various approaches to the study of psychology. Development, presentation, and critical appraisal of individual student projects.

Credit Hours: 2 hrs

Class Restrictions: Senior standing

Major Restrictions: Psychology Majors or Minors only

PSY 451 - Dynamics of Personality

Physiological, psychological and cultural determinants of human personality; analysis of select theories of human personality.

Credit Hours: 3 hrs

Prerequisite: PSY 101

Class Restrictions: Junior or Senior standing or Second Bachelor's students only

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 453 - History and Systems of Psychology

Historical development of modern psychological theories; contemporary systems, including functionalism, behaviorism, phenomenology, psychoanalysis and dynamic psychologies.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and PSY 301W

Class Restrictions: Junior or Senior standing or Second Bachelor's students only

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 457 - Physiological Psychology

Analysis of the relationships among brain functions, physiological processes and behavior. Open to junior and senior science majors with department permission.

Credit Hours: 3 hrs

Prerequisite: PSY 301W; recommended: BIO 105 or BIO 140

Last Updated: Links 04/2011

PSY 458 - Comparative Animal Behavior

Modern solutions to the innate versus learned behavior controversy; species differences with respect to behavior and behavioral capacities.

Credit Hours: 3 hrs

Prerequisite: PSY 301W

Last Updated: Links 04/2011

PSY 460 - Psychology of Film

The psychology of film and audience. Viewer psychology, presentation of psychology, family, violence and sexuality in film.

Credit Hours: 3 hrs

Class Restrictions: Junior standing and/or two courses in Psychology

PSY 477 - Special Topics

An examination of topics in psychology not covered in other department offerings. May be elected more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 478 - Special Topics

An examination of topics in psychology not covered in other department offerings. May be elected more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 479 - Special Topics

An examination of topics in psychology not covered in other department offerings. May be elected more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and department permission

Last Updated: Prerequisites 07/2011; Links 04/2011

PSY 480 - Psychology of Sex III: Atypical Sexual Behavior

This course is a survey course of atypical sexual cognition and behavior, the paraphilias, and criminal sexual behaviors. This course builds on a strong foundational knowledge of psychology and explores how it applies to atypical sexual development, expression, and consequences.

Credit Hours: 3 hrs

Prerequisite: PSY 101 and PSY 240

Last Updated: New Course 06/2011, effective Fall 2011

PSY 487 - Cooperative Education in Psychology

Four months of full-time employment at an individual employer chosen to provide practical experience in the student's major field. The program consists of two work experiences (PSY 387/PSY 487) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: PSY 387 and department permission

Last Updated: Links 04/2011

PSY 497 - Individual Research in Psychology

Supervised investigation of psychological problems.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PSY 498 - Individual Research in Psychology

Supervised investigation of psychological problems.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PSY 499 - Individual Research in Psychology

Supervised investigation of psychological problems.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PSY 551 - Psychology of Death and Dying

Study of attitudes toward, theories about, and empirical data concerning human mortality and suicide and its relevance to life adjustment, aging, religion and other areas.

Credit Hours: 2 hrs

Prerequisite: PSY 101 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Prerequisites 07/2011; Links 04/2011

Sociology, Anthropology and Criminology Programs and Courses

Sociology, Anthropology and Criminology

Major

Anthropology Major

The program in anthropology advances the goals of humanistic education, prepares students for successfully operating in a multicultural society and provides majors with a foundation for graduate study. Anthropology is the comparative study of human behavior, both in terms of its development and in terms of its culture-specific expressions. The University's program in anthropology gives particular attention to the sociocultural subfield.

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
Department Contact: alindela@emich.edu
Website: <http://www.emich.edu/sac/>

Adviser Information:

Program Adviser: Liza Cerroni-Long, Ph.D.
Phone: 734.487.0012
Email: liza.cerroni-long@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Required Courses: 12 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 140 - Introduction to Physical Anthropology 3 hrs
- ANTH 150 - Introductory Archaeology (Gen Ed Area IV) 3 hrs
- ANTH 210 - History of Anthropological Theory 3 hrs

Restricted Elective Courses: 12 hours

Two anthropology courses at the 400-level (6 hrs) in addition to the following:

One Culture Area Course:

Three hours selected from this list.

- ANTH 233 - Cultures of Mesoamerica and the Caribbean (Gen Ed Area III) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 237 - Native North American Cultures (Gen Ed Area III) 3 hrs
- ANTH 248 - Peoples and Cultures of the Pacific 3 hrs
- ANTH 351 - Mexico: The Route of Cortez 3 hrs
- ANTH 385 - Culture of Japan 3 hrs

One Methodology Course:

Three hours selected from this list.

- ANTH 337 - Applied Anthropology 3
- ANTH 345 - Ethnographic Methods 3 hrs
- ANTH 361 - Archaeological Fieldwork 5 hrs
- ANTH 362 - Artifact Analysis 3 hrs

Elective Courses: 6 hours

Two anthropology courses, of which at least one must be at the 300-level or above (6 hrs)

Exit Interview:

Majors must register with an anthropology Faculty Mentor, who will administer their Exit Interview.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Criminology and Criminal Justice Major

The criminology and criminal justice curriculum provides students with a multidisciplinary understanding of crime and justice within the framework of broader social processes. This curriculum is a three-tiered structure composed of general education, a core curriculum and selected concentrations. The typical student will move from general education to the core of the program and then into one of four specialized concentrations, where he or she will be introduced to courses on the principles and application of the chosen specialty.

The curriculum for general education includes introductory courses in the fundamental social science disciplines of sociology and psychology. The core of the curriculum consists of a number of related courses that will build a foundation of social science education emphasizing analytical and conceptual skills. The pivotal course is CRM 301 - Criminology, a multidisciplinary perspective on the nature, extent and causes of crime. CRM 300 - Criminal Justice and CRM 301 - Criminology should be the first core courses taken by the typical student. The third and final tier of the curriculum consists of 21 hours in one of four concentrations. These concentrations contain some courses without criminological content that provide students with professionally relevant occupational knowledge and skills.

Students completing the curriculum will have satisfied all major and minor requirements for graduation. No additional minor is required.

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
Department Contact: alindela@emich.edu
Website: <http://www.emich.edu/sac/>

Adviser Information:

Program Adviser: Marilyn Horace-Moore
Email: mhoracem@emich.edu
Phone: 734.487.0012

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

One course from the following:

- PHIL 120 - Introduction to Critical Reasoning (Gen Ed Area IV) 3 hrs
- PHIL 130 - Introduction to Logic 3 hrs

Major Requirements: 70 hours

Core Requirements: 12 hours

- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
- SOCL 202 - Social Problems 3 hrs

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs

One course from the following:

- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 113 - American Government Honors (Gen Ed Area IV) 3 hrs

Criminology and Criminal Justice Courses: 24 hours

- CRM 300 - Criminal Justice 3 hrs
- CRM 301 - Criminology 3 hrs
- CRM 331 - Introduction to Corrections 3 hrs
- CRM 354 - Juvenile Delinquency 3 hrs
- CRM 370 - White Collar Crime 3 hrs
- CRM 431 - Policing in Society 3 hrs
- CRM 447W - Senior Seminar in Criminology (Gen Ed Area I, W) 3 hrs

One course from the following:

- CRM 333 - Violence and Society 3 hrs
- CRM 337 - Deviance and Society 3 hrs
- SOCL 333 - Violence and Society 3 hrs
- SOCL 337 - Deviance and Society 3 hrs

Research Methods: 6 hours

* see note

- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs
- SOCL 304 - Methods in Sociological Research 3 hrs

Sociology/Anthropology Courses: 12 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 214 - U.S. Racial and Cultural Minorities (Gen Ed Area III) 3 hrs
- SOCL 308 - Social Psychology 3 hrs
- SOCL 462 - Complex Organizations 3 hrs

Concentration Requirements: 15 hours

Select one from the following four concentrations:

I. Legal Studies (CRM LGST)

- CRM 412 - Law and Society 3 hrs

- CRM 460 - Criminal Law II 3 hrs

Nine hours from the following:

- AAS 441 - Law in the African American Experience 3 hrs
- CRM 277 - Special Topics 1 hr
- CRM 278 - Special Topics 2 hrs
- CRM 279 - Special Topics 3 hrs
- CRM 321 - Cooperation and Conflict in Society 3 hrs
- CRM 377 - Special Topics 1 hr
- CRM 378 - Special Topics 2 hrs
- CRM 379 - Special Topics 3 hrs
- CRM 488 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CRM 489 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CTAC 357 - Interviewing as Communication 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- PHIL 120 - Introduction to Critical Reasoning (Gen Ed Area IV) 3 hrs
- PHIL 130 - Introduction to Logic 3 hrs
- PHIL 355W - Philosophy of Law (Gen Ed Area I, W) 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 364 - Legislative Process 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 456 - Criminal Law I 3 hrs

II. Law Enforcement (CRM LAWE):

One course from the following:

- CRM 432 - Police Organization 3 hrs
- PLSC 450 - Managing Public Safety Agencies 3 hrs

Nine hours from the following:

- CRM 320 - Criminal Investigation 3 hrs
- CRM 321 - Cooperation and Conflict in Society 3 hrs
- CRM 460 - Criminal Law II 3 hrs
- CRM 488 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CRM 489 - Field Internship in Criminology and Criminal Justice 3 hrs each

One course from the following:

- CRM 277 - Special Topics 1 hr
- CRM 278 - Special Topics 2 hrs
- CRM 279 - Special Topics 3 hrs
- CRM 377 - Special Topics 1 hr
- CRM 378 - Special Topics 2 hrs

- CRM 379 - Special Topics 3 hrs
- HLED 490 - Drug Use and Abuse 3 hrs
- **OR**
- SWRK 431 - Substance Abuse 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 456 - Criminal Law I 3 hrs
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- SOCL 306 - The Urban Community 3 hrs
- SWRK 120 - Introduction to Social Work Services and Professional Roles 3 hrs

III. Corrections (CRM CORR)

- CRM 321 - Cooperation and Conflict in Society 3 hrs
- CRM 332 - Community Corrections 3 hrs

Nine hours from the following:

- COUN 450 - An Introduction: Counseling Concepts and Skills 3 hrs
- CRM 277 - Special Topics 1 hr
- CRM 278 - Special Topics 2 hrs
- CRM 279 - Special Topics 3 hrs
- CRM 377 - Special Topics 1 hr
- CRM 378 - Special Topics 2 hrs
- CRM 379 - Special Topics 3 hrs
- CRM 488 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CRM 489 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CTAC 357 - Interviewing as Communication 3 hrs
- HLED 490 - Drug Use and Abuse 3 hrs
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- PSY 365 - Behavior Modification 3 hrs
- SWRK 120 - Introduction to Social Work Services and Professional Roles 3 hrs
- SWRK 431 - Substance Abuse 3 hrs

IV. Criminal Justice Administration (CRM ADM)

- CRM 332 - Community Corrections 3 hrs

One course from the following:

- CRM 432 - Police Organization 3 hrs
- PLSC 450 - Managing Public Safety Agencies 3 hrs

Nine hours from the following:

- ANTH 345 - Ethnographic Methods 3 hrs
- CRM 277 - Special Topics 1 hr
- CRM 278 - Special Topics 2 hrs
- CRM 279 - Special Topics 3 hrs
- CRM 320 - Criminal Investigation 3 hrs
- CRM 321 - Cooperation and Conflict in Society 3 hrs
- CRM 377 - Special Topics 1 hr
- CRM 378 - Special Topics 2 hrs
- CRM 379 - Special Topics 3 hrs
- CRM 420 - Drugs, Crime and Criminal Justice 3 hrs
- CRM 488 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CRM 489 - Field Internship in Criminology and Criminal Justice 3 hrs each
- CTAC 357 - Interviewing as Communication 3 hrs
- LAW 403 - Employment Law 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- PLSC 270 - Public Administration 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- PLSC 456 - Criminal Law I 3 hrs
- PSY 301W - Introductory Experimental Psychology (Gen Ed Area I, W) 4 hrs
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- SOCL 307 - Sociology of Work 3 hrs
- SOCL 321 - Cooperation and Conflict in Society 3 hrs
- SOCL 345 - Ethnographic Methods 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

** SOCL 341 - Quantitative Methods of Social Research I and SOCL 342 - Quantitative Methods of Social Research II may be substituted for SOCL 250 and SOCL 304.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Sociology Major

Sociologists are uniquely poised to contribute to a variety of productive activities in an increasingly diverse and socially and technologically complex workplace. The Sociology Program at EMU offers both major and minor degree programs in general and applied Sociology. The sociology curriculum offers a broad education that emphasizes the social and cultural basis of human lived experiences, interactions, and motivation, along with the development of flexible analytical reasoning skills and tools for data management and analysis. This major prepares students for work within non-profit, governmental, and social service agencies, as well as within medicine, law, and business.

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
Department Contact: alindela@emich.edu
Website: <http://www.emich.edu/sac/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Courses: 18 hours

- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs
- SOCL 304 - Methods in Sociological Research 3 hrs
- SOCL 308 - Social Psychology 3 hrs
- SOCL 403W - Modern Sociological Theory (Gen Ed Area I, W) 3 hrs
- SOCL 405 - Senior Seminar in Sociology 3 hrs

One option from the following:

Option I: General Sociology: 15 hours

Required Courses: 3 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs

Restricted Elective Courses: 6 hours

Two courses from the following:

- ANTH 336 - Social and Cultural Change 3 hrs
- SOCL 307 - Sociology of Work 3 hrs
- SOCL 310 - Social Stratification 3 hrs
- SOCL 311W - Aging and the Life Course (Gen Ed Area I, W) 3 hrs
- SOCL 312 - Medical Sociology 3 hrs
- SOCL 336 - Social and Cultural Change 3 hrs

Elective Courses: 6 hours

Choose from courses in sociology, anthropology, criminology. Must be at the 300-level or above.

Option II: Applied Sociology: 15 hours

Required Courses: 9 hours

- SOCL 230 - Introduction to Applied Sociology 3 hrs
- SOCL 310 - Social Stratification 3 hrs
- SOCL 489 - Internship in Sociology 3 hrs

Restricted Electives: 6 hours

Students must take two courses from one of the following four areas:

Family/Health/Aging Concentration:

- SOCL 303 - Sociology of Childhood and Youth 3 hrs
- SOCL 311W - Aging and the Life Course (Gen Ed Area I, W) 3 hrs
- SOCL 312 - Medical Sociology 3 hrs
- SOCL 450 - The Family 3 hrs

Public/Private Sector Concentration:

- SOCL 306 - The Urban Community 3 hrs
- SOCL 307 - Sociology of Work 3 hrs
- SOCL 321 - Cooperation and Conflict in Society 3 hrs
- SOCL 334 - Population 3 hrs
- SOCL 462 - Complex Organizations 3 hrs

Deviance Concentration:

- CRM 301 - Criminology 3 hrs
- CRM 337 - Deviance and Society 3 hrs
- CRM 354 - Juvenile Delinquency 3 hrs
- CRM 370 - White Collar Crime 3 hrs
- CRM 412 - Law and Society 3 hrs
- SOCL 333 - Violence and Society 3 hrs

Media/Technology Concentration:

- CMT 425 - Communication Technology and Social Change 3 hrs
- SOCL 440 - Sociology of Technology 3 hrs
- STS 495 - Technology, Values, and the Future 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Anthropology Minor

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
 Department Contact: alindela@emich.edu
 Website: <http://www.emich.edu/sac/>

Required Courses: 12 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 140 - Introduction to Physical Anthropology 3 hrs
- ANTH 150 - Introductory Archaeology (Gen Ed Area IV) 3 hrs
- ANTH 210 - History of Anthropological Theory 3 hrs

One Culture Area Course: 3 hours

One course from the following:

- ANTH 233 - Cultures of Mesoamerica and the Caribbean (Gen Ed Area III) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 237 - Native North American Cultures (Gen Ed Area III) 3 hrs
- ANTH 248 - Peoples and Cultures of the Pacific 3 hrs
- ANTH 385 - Culture of Japan 3 hrs

Elective Courses: 5 hours

- One course at the 300- or 400-level (3 hrs)
- Two additional credit hours in anthropology (2 hrs)

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Criminology/Criminal Justice Minor

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
Department Contact: alindela@emich.edu
Website: <http://www.emich.edu/sac/>

Adviser Information:

Program Adviser: Marilyn Horace-Moore
Email: mhoracem@emich.edu
Phone: 734.487.0012

Required Core Courses: 9 hours

- CRM 300 - Criminal Justice 3 hrs
- CRM 301 - Criminology 3 hrs
- PLSC 301 - American Legal System 3 hrs

Restricted Criminology Elective Courses: 6 hours

Two courses from the following:

- CRM 331 - Introduction to Corrections 3 hrs
- CRM 354 - Juvenile Delinquency 3 hrs
- CRM 370 - White Collar Crime 3 hrs
- CRM 412 - Law and Society 3 hrs
- CRM 420 - Drugs, Crime and Criminal Justice 3 hrs
- CRM 431 - Policing in Society 3 hrs

- CRM 460 - Criminal Law II 3 hrs

Restricted Social Science Elective Courses: 6 hours

Two courses from the following:

- HLED 490 - Drug Use and Abuse 3 hrs
- PHIL 355W - Philosophy of Law (Gen Ed Area I, W) 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 456 - Criminal Law I 3 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- SOCL 462 - Complex Organizations 3 hrs
- SWRK 431 - Substance Abuse 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Health and Illness Studies Interdisciplinary Minor

This minor examines the ways in which human beings deal with health and illness in different cultural settings including American society and its subcultures. Oriented toward the student interested in social and cultural aspects of health, illness and disease, it provides a theoretical perspective on comparative medical systems.

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen

Department Contact: alindela@emich.edu

Website: <http://www.emich.edu/sac/>

Required Courses: 15 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 329 - Medical Anthropology 3 hrs
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
- SOCL 311W - Aging and the Life Course (Gen Ed Area I, W) 3 hrs
- SOCL 312 - Medical Sociology 3 hrs

Elective Courses: 6 hours

Choose from courses in sociology, anthropology, criminology. Must be at the 300-level or above.

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Sociocultural Perspectives on the Family Interdisciplinary Minor

This minor combines the perspectives of anthropology and sociology by examining the sociocultural determinants and consequences of the family in the United States and other cultures. Students in such diverse fields as business, law, teaching, communication, nursing and technology learn how the family is integrated into the segment of society in which they intend to work. The program is designed for students planning to work directly with families as social workers, family life professionals or clinical psychologists.

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
Department Contact: alindela@emich.edu
Website: <http://www.emich.edu/sac/>

Required Courses: 21 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- ANTH 309 - Culture and Personality 3 hrs
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
- SOCL 204 - Marriage and Family 3 hrs
- SOCL 303 - Sociology of Childhood and Youth 3 hrs
- SOCL 344 - Sociology of Gender 3 hrs
- SOCL 450 - The Family 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Sociology Minor

Sociology, Anthropology and Criminology Department Information:

Department Head: Anders Linde-Laursen
Department Contact: alindela@emich.edu
Website: <http://www.emich.edu/sac/>

Required Courses: 15 hours

- 3 hrs of Sociology courses at any level
- 9 hrs of Sociology courses at the 300-level or above
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs

Elective Courses: 6 hours

Six hours of Sociology, Anthropology or Criminology courses at any level.

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Anthropology

ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV)

The study of human adaptations to natural and cultural environments focusing upon a variety of societies. The basic institutions of human society such as kinship, religion, law, politics and economics will be examined.

Credit Hours: 3 hrs

Area III: Global Perspectives on a Diverse World

ANTH 135 Introduction to Cultural Anthropology

Anthropology is the global comparative study of human societies, both in terms of their development and in terms of their culture-specific expressions. Students learn how an anthropological cross-cultural perspective can improve understandings of cultural diversity, especially when addressing topics and perspectives that are difficult to understand from a purely western perspective. The course covers a broad range of topics traditionally approached by anthropologists, which address each of the outcomes for the Global Awareness requirement. By better understanding the factors contributing to cross-cultural similarities, differences and interconnections, students learn to appreciate global diversity in development, ethnicity, language, subsistence,

modes of gender, kinship, sexuality, religion, forced and voluntary migration and how contemporary globalization is influencing each of these topics.

Last Updated: General Education Areas 07/2011

ANTH 140 - Introduction to Physical Anthropology

A survey of the evolution of primates and hominids and a general introduction to physical anthropological themes relating to prehistoric and living humans.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/17/2011

ANTH 150 - Introductory Archaeology (Gen Ed Area IV)

A general survey of the field of archeology; the methodologies and analyses employed in the study of prehistoric cultures.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

ANTH 150 Introductory Archaeology

The course is designed as an introduction to the anthropological subfield of archaeology. In addition to general social science methods, the student will learn about archaeological survey and excavation techniques, the kinds of quantitative and qualitative data these produce, cross-cultural analyses, and social science theories that are tested with archaeological data. The course covers a broad range of topics traditionally approached by archaeologists, which contribute to an understanding of the human past and lessons for some of today's major global issues. In the process of learning about archaeology, students also learn to appreciate how social science methods, in general, can produce knowledge and provide perspectives on social and political organization, power relationships, social change and contemporary global problems. Course assignments allow students to use general social science techniques with archaeological data to address these topics.

Last Updated: Minor Edit 1/2013

ANTH 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ANTH 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ANTH 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ANTH 208 - Minority Women in the United States (TO BE DELETED)

This course surveys the situation of and the conditions that affect the lives of four groups of minority women in the United States who are from diverse cross-cultural backgrounds: African American, Asian-American, Latin American and Native American. It focuses on the contemporary situation of these women and compares the four groups in terms of demographics, economic and occupational situations, education, family lives and relationship to the feminist movement.

Credit Hours: 3 hrs

Prerequisite: SOCL 105 or ANTH 135

Cross-Listed with: SOCL 208 and WGST 208

Course Revisions:

Course Revisions: This course will be deleted, effective Winter 2013.

Last Updated: Course Deletion 05/2012, effective Winter 2013

ANTH 210 - History of Anthropological Theory

A survey of various theoretical approaches within the field of cultural anthropology. The course will span the period from the mid-19th century to the present, covering theoretical perspectives that have dominated European and American schools of anthropology.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/17/2011

ANTH 214 - U.S. Racial and Cultural Minorities (Gen Ed Area III)

An introduction to the study of U.S. diversity with particular reference to the African American and Hispanic, and European and Asian immigrants in the United States; racial myths, doctrines and movements; conflict and accommodation of majority and minority people; and proposed solutions of ethnic problems.

Credit Hours: 3 hrs

Cross-Listed with: SOCL 214

Area III: Perspectives on a Diverse World

ANTH214 U.S. Racial and Cultural Minorities

This course is an introduction to the study of U.S. diversity in reference to majority-minority relations. Students will examine the characteristics of the racial, ethnic and subcultural factors leading to the emergence of specific minority groups in American society. The dynamics of discrimination and assimilation will be studied as they apply to major American ethnic and subcultural groups, and issues related to separatism vs. multiculturalism will be discussed in a cross-cultural, comparative framework.

This course provides students with the conceptual tools to analyze their own experience of minority-majority status, and to trace the roots of such an experience by placing it in the context of American culture. Also, by applying social-science models to the understanding of the cultural, racial, ethnic and subcultural diversity found in the U.S. students will be able to more clearly assess the complexity of in-group and out-group perspectives on identity and discrimination, particularly in reference to intercultural

competence.

Last Updated: 2/17/2011

ANTH 219 - Around the World in 80 Years: Adult Development Across Culture (TO BE DELETED)

Through the study of adult development, students will consider how the aging of the world's population is affecting diverse cultures, societies - and families - across the globe. Issues of social justice and empowerment related to population aging will be addressed, particularly the social, economic, political and policy consequences.

Credit Hours: 3 hrs

Cross-Listed with: GERT 219 and SOCL 219

Course Revisions:

Course Revisions: This course will be deleted, effective Winter 2013.

Last Updated: Course Deletion 05/2012, effective Winter 2013

ANTH 233 - Cultures of Mesoamerica and the Caribbean (Gen Ed Area III)

A regional, historical and topical survey of Mesoamerica (Mexico, Guatemala, Belize, El Salvador and Honduras) and Caribbean cultures.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

Rationale: Mesoamerica and the Caribbean have diverse nations and cultures interacting in the global community that are confronting many of the same major issues as in other world regions. Students explore and compare cultures in both macro-regions, and further compare those cultures with cultures of North America. This course also emphasizes North American political and economical interconnections with Mesoamerica and the Caribbean: how those relationships have influenced the creation and character of national governments, alliances and conflicts, and grass-roots cultural reactions. By studying Mesoamerican and Caribbean cultures, students learn the diverse ways that cultures create and classify races, classes, and genders, and how these differ from classifications in North America. Students are exposed to culture-specific and cross-cultural patterns in the causes and consequences of social, cultural, and racial intolerance. Students successfully completing this course learn how to analyze and synthesize diverse sources of information to make informed decisions on major issues confronting Mesoamerica, the Caribbean, and other world regions experiencing similar issues.

Last Updated: 2/11/11; effective Fall 2011

ANTH 236 - Peoples and Cultures of Africa

A regional, historical and topical survey of African cultures.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 237 - Native North American Cultures (Gen Ed Area III)

A regional, historical and topical survey of aboriginal North American cultures.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

ANTH 237 Native North American Cultures

This course introduces students to the diverse political economic and belief systems of indigenous North American cultures (primarily within the U.S. but also in Canada) and the historical and modern impacts of European colonial and U.S. government policies toward Native American peoples. Emphasized throughout the course are the differences among Euro-American political economies and associated ideologies and those of different Native American cultures. Students will learn and understand the historic creation and modern perpetuation of social intolerance, institutionalized racism, ethnocentrism, stereotyping and exclusion. In addition to outlining the causes and consequences of ethnic cleansing, genocide and refugee migrations in North America, the course also explores institutionalized attempts at forced "westernization" of Native Americans through reservation-allotment, missionaries, educational systems and other policies resulting in impoverishment, erosion of social organizations, and loss of culture. Students develop awareness and explanations for alternative cultural identities and values by comparing the varying social experiences and civil rights movements of Native Americans with those of other minority groups.

ANTH 248 - Peoples and Cultures of the Pacific

A regional, historical and topical survey of indigenous Pacific cultures.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 250 - World Prehistory

An overview of human prehistory, from the earliest hominids to early state societies. Course topics include data, theories, and knowledge from anthropological archaeology on hominid material culture, social organization, and dispersals; transitions from foraging societies to Neolithic farming village societies; and the development of different types of state societies.

Credit Hours: 3 hrs

Last Updated: Corrected typo in description 4/2016

ANTH 261 - Introduction to Archaeological Fieldwork

One week of training in archaeological fieldwork.

Credit Hours: 3 hrs

Prerequisite: ANTH 135, ANTH 140 and departmental permission

Last Updated: Number Change 04/2012

ANTH 277 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum. Students may elect this course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 278 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum. Students may elect this course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 279 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum. Students may elect this course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 309 - Culture and Personality

An analysis of the manner in which group and cultural factors influence the growth and change of personality. The impact of personality types on group life.

Credit Hours: 3 hrs

Prerequisite: SOCL 105 or ANTH 135

Notes: Not open to those with credit in SOCL 309

Last Updated: 2/18/2011

ANTH 329 - Medical Anthropology

Ways in which various cultures define, explain, and treat physical and psychic illness. Different approaches to curing including witchcraft, sorcery, spiritual and psychic healing, and the use of hallucinogens compared with contemporary medical practices.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or department permission

Last Updated: 2/18/2011

ANTH 330 - Anthropology of Law and Politics

Comparative study of political systems in various societies, local-level politics, government and law; examined from an anthropological perspective.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Class Restrictions: Sophomore standing

Last Updated: 2/18/2011

ANTH 336 - Social and Cultural Change

A survey of the theories and problems of change as they affect at the global, national and subcultural levels.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or SOCL 105

Notes: Not open to those with credit in SOCL 336

Last Updated: 2/18/2011

ANTH 337 - Applied Anthropology

The application of anthropological knowledge and methods to address contemporary human problems.

Credit Hours: 3

Prerequisite: ANTH 135, and Sophomore standing or above.

Last Updated: Prereq Update 7/26/2011; Created 7/22/2011

ANTH 338 - Anthropology of Religion

The cross-cultural study of religious belief and ritual in various societies.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Class Restrictions: Sophomore standing

Last Updated: 2/18/2011

ANTH 340 - Language and Culture

A study of the relation of language to social behavior and modes of thought in unilingual and multilingual speech communities.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or LING 201 or LNGE 223

Cross-Listed with: LING 340

Previously Listed As: ANT 340

Last Updated: Cross-listed Course Update 01/2012

ANTH 345 - Ethnographic Methods

A review and examination of social science research methods that entail fieldwork, participant observation, naturalistic experimentation and the analysis of cultural data.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or SOCL 105 or department permission

Cross-Listed with: SOCL 345

Notes: Not open to those with credit in SOCL 345.

Previously Listed As: Qualitative Methods

Last Updated: 2/18/2011; effective Spring 2011

ANTH 350 - Ancient Civilizations of Mesoamerica

A chronological and regional survey of the ancient civilizations of Mexico and northern Central America, including the Olmecs, Maya, Toltecs and Aztecs. Course themes include Mesoamerican archaeology, early state development and decline, social organization, economy and ecology, and the legacy of ancient Mesoamerica.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Class Restrictions: Sophomore standing

Last Updated: 2/18/2011

ANTH 351 - Mexico: The Route of Cortez

Follow the route of Cortez through Southern and Central Mexico. The course emphasizes cultural history, globalization, and gender themes from anthropological perspectives. This is a 1-week study abroad program with educational tours in the states of Tabasco, Veracruz, and Mexico. Students must apply for registration through the EMU Academic Programs Abroad Office.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 and department permission

Last Updated: New Course 12/2011, effective Winter 2012

ANTH 355 - Anthropology of Women

This course focuses on the lives of women and theories of their positions in diverse cultural contexts. Issues of gender are also explored.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Cross-Listed with: WGST 355

Last Updated: 2/18/2011

ANTH 361 - Archaeological Fieldwork

Intermediate training in archaeological fieldwork.

Credit Hours: 5 hrs

Prerequisite: ANTH 135, ANTH 140 and departmental permission

Last Updated: Number Change 04/2012

ANTH 362 - Artifact Analysis

Principles and practical experience in archaeological laboratory recording and analysis of artifact attributes to address basic questions on chronology, site function and spatial patterns.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 and ANTH 150

Last Updated: 2/18/2011

ANTH 377 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum in which the distinctive perspective and methodology of anthropology are emphasized. Students may elect this course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 378 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum in which the distinctive perspective and methodology of anthropology are emphasized. Students may elect this course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 379 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum in which the distinctive perspective and methodology of anthropology are emphasized. Students may elect this course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 385 - Culture of Japan

An analysis of Japanese culture from a comparative perspective. The course presents the ethnological approach to cross-cultural understanding as applied to the study of Japanese culture. By contrasting and comparing insider and outsider analyses of Japanese behavior, the dynamics of cross-cultural research are documented and discussed.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or department permission

Cross-Listed with: JPNE 385

Last Updated: 2/18/2011

ANTH 387 - Cooperative Education in Anthropology

Practical experience in industrial, business or government settings that provides job skills..

Credit Hours: 3 hrs

Prerequisite: 12 hours of anthropology, six of which must be at the 300-level or above

Notes: Offered on a credit/no-credit basis.

ANTH 430 - Museum Anthropology

This course is a practicum in museology, aimed at clarifying the foundational role of anthropology in Museum Studies. Through this course students will acquire a fuller understanding of the theoretical and methodological issues at the core of conservation in general and cultural heritage interpretation in particular. The outcome of the course will be a capacity to apply the theoretical underpinnings of museum studies in the professional exercise of research exhibit-and-presentation practice.

Credit Hours: 3 hrs

Last Updated: New Course 07/2011, effective Fall 2011

ANTH 437 - Kinship and Social Structure

The comparative study of kinship and social structure in various societies.

Credit Hours: 3 hrs

Prerequisite: ANTH 135, ANTH 210 and one additional ANTH course at the 300-level

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

ANTH 439W - Seminar in Anthropological Theory (Gen Ed Area I, W)

An intensive examination of theoretical approaches to the study of cultural phenomena. Emphasis will be placed upon the critical reading of primary source materials seminal to the development of various theoretical stances within the discipline of anthropology. This course will be organized around written and oral presentations by students.

Credit Hours: 3 hrs

Prerequisite: Four courses in anthropology including ANTH 210

Class Restrictions: Senior standing

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Gen Ed Approval 12/2011; Graduate Credit 07/2011

ANTH 445W - Culture Analysis Seminar (Gen Ed Area I, W)

A culminating course examining "culture" - the key subject matter of cultural anthropology - in reference to the foundational disciplinary perspectives of holism, comparativism, relativism. The course gives particular attention to the acquisition of cultural reflexivity, and to the distinction between ethnography and ethnology as it affects both research practice and its rhetorical expressions in discipline-specific writing.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Previously Listed As: ANTH 445 **Course Revisions:**

Course Revisions: This undergraduate course will be available to graduate students for graduate credit, effective Winter 2013.

Last Updated: Grad Credit approved 02/2012, effective Winter 2013; Gen Ed approved 04/2011

ANTH 461 - Advanced Archaeological Fieldwork

Intensive training in archaeological fieldwork.

Credit Hours: 6 hrs

Last Updated: Number Change 04/2012

ANTH 465 - Political Economy in Anthropology

This history of how political economy has been used in anthropological research and a survey of political economic approaches to major anthropological topics.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 and ANTH 210

Class Restrictions: Sophomore standing

Last Updated: 2/18/2011

ANTH 477 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum in which the distinctive perspective and methodology of anthropology are emphasized. Advanced students may elect this course several times, provided different topics

are studied.

Credit Hours: 1 hr

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 478 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum in which the distinctive perspective and methodology of anthropology are emphasized. Advanced students may elect this course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 479 - Special Topics

An examination of topics in anthropology not normally covered in the curriculum in which the distinctive perspective and methodology of anthropology are emphasized. Advanced students may elect this course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: ANTH 135

Last Updated: 2/18/2011

ANTH 487 - Cooperative Education in Anthropology

Practical experience in industrial, business or government settings that provides job skills..

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

ANTH 497 - Individualized Reading and Research in Anthropology

Directed reading and research on problems within the field of anthropology.

Credit Hours: 1 hr

Prerequisite: ANTH 135 and department permission

Last Updated: 2/18/2011

ANTH 498 - Individualized Reading and Research in Anthropology

Directed reading and research on problems within the field of anthropology.

Credit Hours: 2 hrs

Prerequisite: ANTH 135 and department permission

Last Updated: 2/18/2011

ANTH 499 - Individualized Reading and Research in Anthropology

Directed reading and research on problems within the field of anthropology.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 and department permission

Last Updated: 2/18/2011

Criminology

CRM 200 - Introduction to Crime and Justice (Gen Ed Area IV)

An introduction to policy issues, theories and strategies regarding the fields of criminal justice and criminology.

Credit Hours: 3 hrs

CRM 222 - Pornography and Crime

The course will focus on the legal definitions of pornography, censorship versus freedom of speech, the types of pornography that are policed (e.g. violent, and child pornography), police strategies, criminal versus social action, as well as the relationship between harm, consent, criminal behavior and hate crimes.

Credit Hours: 3 hrs

CRM 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CRM 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CRM 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CRM 300 - Criminal Justice

A critical view of the entire spectrum of criminal justice. The police, courts and corrections studied as interrelated institutions in the process of defining criminals.

Credit Hours: 3 hrs

CRM 301 - Criminology

The nature, incidence and prevalence of crime. Theory of crime and delinquency causation.

Credit Hours: 3 hrs

CRM 320 - Criminal Investigation

Introduction to the science of criminal investigations, including the methodology of crime scene investigations, evidence collection, preservation and analysis. Other topics include the constitutional, legal and historical concerns relevant to procedural issues of investigation.

Credit Hours: 3 hrs

Concurrent Prerequisite: CRM 300

Last Updated: Links 04/2011

CRM 321 - Cooperation and Conflict in Society

The principles of cooperation, cooperation in our competitive-individualistic society, cooperative skills and forms of mutual aid are examined. Students learn cooperation through doing, as well as reading and writing, including a variety of group projects, exercises and discussion.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: SOCL 321

Last Updated: Links 04/2011

CRM 331 - Introduction to Corrections

An examination of corrections/punishment in contemporary society, its historical development, structural dependency, relationship to the system of justice and problems of effectiveness.

Credit Hours: 3 hrs

Prerequisite: CRM 300

Last Updated: Links 04/2011

CRM 332 - Community Corrections

An examination of the limitations of incarceration and the potential of community based alternatives.

Credit Hours: 3 hrs

Prerequisite: CRM 300

Last Updated: Links 04/2011

CRM 333 - Violence and Society

An introduction to and survey of the multi-disciplinary study of violence and society. Issues specifically examined are mass institutions of media, culture and identity formation.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: SOCL 333

Last Updated: Links 04/2011

CRM 337 - Deviance and Society

An introduction to the scientific study of deviance, society's reaction to deviance and the social strategies for managing deviance.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: SOCL 337

Last Updated: Links 04/2011

CRM 338 - Women, Crime and Justice

This course will offer a critical analysis of gender and criminal justice as it relates to women as victims, offenders and agents of the criminal justice system. Additionally, the social conditions of criminality, intervention strategies as well as social action and criminal justice policy reform will be examined.

Credit Hours: 3 hrs

Cross-Listed with: WGST 338, SOCL 338

Last Updated: Links 04/2011

CRM 362 - Ethics for Criminal Justice Professionals

This course provides the basic materials for analyzing ethical situations in criminal justice professions. Case studies of misconduct and its effects, and various policy issues, such as discretion and due process in law enforcement, the courts and corrections will be examined.

Credit Hours: 3 hrs

Last Updated: New Course 02/2012, effective Fall 2012

CRM 370 - White Collar Crime

An examination of the definitions, laws, causes and policy responses that shape crimes by corporations, government agencies, professionals and others engaged in legitimate occupations.

Credit Hours: 3 hrs

CRM 377 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect a special topics course several times, provided different topics are studied, but only twice for credit toward a major or minor in criminology.

Credit Hours: 1 hr

CRM 378 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect a special topics course several times, provided different topics are studied, but only twice for credit toward a major or minor in criminology.

Credit Hours: 2 hrs

CRM 379 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect a special topics course several times, provided different topics are studied, but only twice for credit toward a major or minor in criminology.

Credit Hours: 3 hrs

CRM 387 - Cooperative Education in Criminal Justice

Practical experience in agencies or government settings to provide job skills.

Credit Hours: 3 hrs

Prerequisite: department permission

Class Restrictions: Junior standing

Notes: Offered on a credit/no-credit basis

CRM 412 - Law and Society

Law as a social and cultural product; the interrelationships between law and social institutions.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: SOCL 412

Notes: Not open to those with credit in SOCL 412.

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 04/2011

CRM 420 - Drugs, Crime and Criminal Justice

Analysis of legal and illegal drugs and their relation to crime, costs associated. With drug use and abuse, methodologies to collect data on drug theories, as well as drug control policies like D.A.R.E. and the War on Drugs and regulatory strategies as are applied to legal substances.

Credit Hours: 3 hrs

Prerequisite: CRM 300 and CRM 301

Class Restrictions: Sophomore standing

Last Updated: Links 04/2011

CRM 431 - Policing in Society

The social and historical origin of the police; police culture, role and career; police in the legal system; police discretion; ethical development of police; police and the community; police organization and community control.

Credit Hours: 3 hrs

Prerequisite: CRM 300

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 04/2011

CRM 432 - Police Organization

An examination of the major theories of police organization and how these theories can enhance our understanding of policing and help solve problems facing the police in everyday life.

Credit Hours: 3 hrs

Prerequisite: CRM 300

Last Updated: Links 04/2011

CRM 447W - Senior Seminar in Criminology (Gen Ed Area I, W)

Summations and integrations of the various bodies of criminological knowledge and their applications to policies of crime prevention and control.

Credit Hours: 3 hrs

Prerequisite: CRM 300, CRM 301, SOCL 250 and SOCL 304

Class Restrictions: Senior standing

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 04/2011

CRM 460 - Criminal Law II

The social, political, and historical evolution of criminal procedure with an emphasis on its application with regard to law enforcement and the judiciary.

Credit Hours: 3 hrs

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

CRM 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

CRM 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

CRM 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

CRM 487 - Cooperative Education in Criminal Justice

Practical experience in agencies or government settings to provide job skills.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

CRM 488 - Field Internship in Criminology and Criminal Justice

A minimum of ten hours per week in a governmental or private agency dealing with the crime problem. The agency and the field instructor provide supervised learning experiences.

Credit Hours: 3 hrs each

Class Restrictions: Junior standing and department permission; second semester Juniors may be admitted by department permission

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

CRM 489 - Field Internship in Criminology and Criminal Justice

A minimum of ten hours per week in a governmental or private agency dealing with the crime problem. The agency and the field instructor provide supervised learning experiences.

Credit Hours: 3 hrs each

Class Restrictions: Junior standing and department permission; second semester Juniors may be admitted by department permission

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

CRM 497 - Independent Study

Independent study, under the supervision of a department member, in areas in which the department does not offer a course.

Credit Hours: 1 hr

Prerequisite: department permission

CRM 498 - Independent Study

Independent study, under the supervision of a department member, in areas in which the department does not offer a course.

Credit Hours: 2 hrs

Prerequisite: department permission

CRM 499 - Independent Study

Independent study, under the supervision of a department member, in areas in which the department does not offer a course.

Credit Hours: 3 hrs

Prerequisite: department permission

Sociology

SOCL 105 - Introductory Sociology (Gen Ed Area IV)

Basic sociological concepts are used to analyze social systems, socialization, social inequality, deviance and conformity, and the process of social change with focus on family, educational, religious, governmental and economic institutions.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

SOCL 105 Introductory Sociology

This course provides a critical introduction to key concepts and ideas common to all sociological endeavor, as well as the methods by which sociologists advance social scientific knowledge. Students will be introduced to major theoretical perspectives, as well as key concepts, such as culture, socialization and social interaction, all of which guide the practice of sociology. Students will also come to understand the nature of major societal institutions, including family, education, economy and government, along with the formal and informal dimensions of race, social class and gender within the field. For each segment of the course, students will examine the challenges associated with conducting social research. *Introduction to Sociology* focuses on comparing and contrasting the potential for using various research methods to generate knowledge, with a special emphasis on comparing quantitative and qualitative methods. Students will also come to explore the benefits of employing a sociological perspective to the analysis of contemporary events and, in the process, will be socialized into becoming critical consumers of reporting in the mass media, much of which is increasingly based on social science research.

Last Updated: Minor Edit 1/2013

SOCL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 202 - Social Problems

An analysis of problems arising in contemporary American society, such as child rearing, relations between the sexes, crime and delinquency, relations between racial and cultural subgroups, and personality disorders.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 204 - Marriage and Family

The position and significance of the family in our changing society. Courtship, mate selection and problems of marital adjustment from sociological and social-psychological perspectives.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 208 - Minority Women in the United States

This course surveys the situation of and the conditions that affect the lives of four groups of minority women in the United States who are from diverse cross-cultural backgrounds: Black, Asian-American, Latin-American and Native American. It focuses on the contemporary situation of these women and compares the four groups in terms of demographics, economic and occupational situations, education, family lives and relationship to the feminist movement.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: ANTH 208, WGST 208

Last Updated: Links 03/2011

SOCL 214 - U.S. Racial and Cultural Minorities (Gen Ed Area III)

An introduction to the study of U.S. diversity with particular reference to the black and Hispanic, and European and Asian immigrants in the United States; racial myths, doctrines and movements; conflict and accommodation of majority and minority people; and proposed solutions of ethnic problems.

Credit Hours: 3 hrs

Cross-Listed with: ANTH 214

Area III: Perspectives on a Diverse World

SOCL214 U.S. Racial and Cultural Minorities

This course is an introduction to the study of U.S. diversity in reference to majority-minority relations. Students will examine the characteristics of the racial, ethnic and subcultural factors leading to the emergence of specific minority groups in American society. The dynamics of discrimination and assimilation will be studied as they apply to major American ethnic and subcultural groups, and issues related to separatism vs. multiculturalism will be discussed in a cross-cultural, comparative framework.

This course provides students with the conceptual tools to analyze their own experience of minority-majority status, and to trace the roots of such an experience by placing it in the context of American culture. Also, by applying social-science models to the understanding of the cultural, racial, ethnic and subcultural diversity found in the U.S. students will be able to more clearly assess the complexity of in-group and out-group perspectives on identity and discrimination, particularly in reference to intercultural competence.

Last Updated: Links 03/2011

SOCL 219 - Around the World in 80 Years: Adult Development Across Culture

Through the study of adult development, students will consider how the aging of the world's population is affecting diverse cultures, societies - and families - across the globe. Issues of social justice and empowerment related to population aging will be addressed, particularly the social, economic, political and policy consequences.

Credit Hours: 3 hrs

Cross-Listed with: ANTH 219, GERT 219

Last Updated: Links 03/2011

SOCL 230 - Introduction to Applied Sociology

This course will be geared towards those students interested in applying the core elements of sociology to business, government and social service organizations. The tools of sociology, including theory and methods, will actively inform the study of various issues in a range of professional settings.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II)

Introduction to the evaluation and interpretation of numerical and categorical data using descriptive and inferential statistical techniques.

Credit Hours: 3 hrs

Last Updated: Gen Ed Approval 08/2007, effective Winter 2008

SOCL 277 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 1 hr

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 278 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 2 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 279 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 303 - Sociology of Childhood and Youth

Childhood and youth as elements of social organization. The relationship between social structure and the emergent personality of the individual; normality and deviance as social processes.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 304 - Methods in Sociological Research

Methods used in sociological research and their various applications. Participation in conducting a survey.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 306 - The Urban Community

Ecological and social organization of urban life. The metropolitan trend in the United States and the social problems created by it.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 307 - Sociology of Work

This course addresses the dynamics of paid, unpaid, and marginalized work; managerial control and worker resistance; work and family conflicts; connections between local and global economies; and how gender, race/ethnicity, social class, age, citizenship, and sexuality shape the opportunities and rewards of work.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Previously Listed As: SOCL 307 - Sociology of the Workplace
Last Updated: Title and Description change 11/2012, effective Winter 2013; Links 03/2011

SOCL 308 - Social Psychology

Introductory study of the order and regularity underlying processes of human interaction. Motives and attitudes, social norms and roles, the socialization process, personality and group membership. The effect of group membership upon individual behavior.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Notes: Credit cannot be earned in both SOCL 308 and PSY 309.
Last Updated: Links 03/2011

SOCL 309 - Culture and Personality

An analysis of the manner in which group and cultural factors influence the growth and change of personality. The impact of personality types on group life.

Credit Hours: 3 hrs

Prerequisite: SOCL 105 or ANTH 135

Notes: Not open to those with credit in ANTH 309.

Last Updated: Links 03/2011

SOCL 310 - Social Stratification

This course focuses on the social factors of inequality, the process of status attainment, and social mobility in contemporary societies. These aspects of stratification are examined on both the national and global levels. Course materials address the differential distribution of and access to resources including issues of race, class and gender.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 311W - Aging and the Life Course (Gen Ed Area I, W)

Aging is viewed as a life course process. We focus on social and cultural aspects, noting attitudes toward aging, assessing how aging experiences are affected by social location (gender, race/ethnicity, class), and elaborate the social construction of age including implications of population aging for individual and societal well-being.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Title and Course Description Change 10/2011, effective Winter 2012; Links 03/2011

SOCL 312 - Medical Sociology

Social behavior and social organization as factors in disease distribution. The sociological analysis of medical care, organization and practitioners.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 320 - Sociology of Religion

A sociological analysis of religious organizations and the institution of religion including the interaction between religious organizations and other institutions and associations, and the role of religion in social movements and social change.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 321 - Cooperation and Conflict in Society

The principles of cooperation, cooperation in our competitive-individualistic society, cooperative skills and forms of mutual aid are examined. Students learn cooperation through doing, as well as reading and writing, including a variety of group projects, exercises and discussion.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Cross-Listed with: CRM 321
Last Updated: Links 03/2011

SOCL 333 - Violence and Society

An introduction to and survey of the multidisciplinary study of violence and society. Specifically examined are mass institutions of media, culture and identity formation.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Cross-Listed with: CRM 333
Last Updated: Links 03/2011

SOCL 334 - Population

Population size and composition, and their impact on society; determinants and consequences of natality, mortality and migration; the relationship between human numbers and resources and its politico-economic implications; population theories and policies of population control.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 336 - Social and Cultural Change

A survey of the theories and problems of change as they affect at the global, national and subcultural levels.

Credit Hours: 3 hrs
Prerequisite: SOCL 105 or ANTH 135
Notes: Not open to those with credit in ANTH 336.
Last Updated: Links 03/2011

SOCL 337 - Deviance and Society

An introduction to the scientific study of deviance, society's reaction to deviance and the social strategies for managing deviance.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Cross-Listed with: CRM 337
Last Updated: Links 03/2011

SOCL 338 - Women, Crime and Justice

This course will offer a critical analysis of gender and criminal justice as it relates to women as victims, offenders and agents of the criminal justice system. Additionally, the social conditions of criminality, intervention strategies, as well as, social action and

criminal justice policy reform will be examined.

Credit Hours: 3 hrs

Cross-Listed with: WGST 338, CRM 338

Last Updated: Links 03/2011

SOCL 339 - Sociology of Love

A sociological examination of love, emphasizing typologies, scientific research and cross-cultural comparisons. Special attention is given to the analysis of love in terms of feelings, thoughts, behaviors and attitudes.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 341 - Quantitative Methods of Social Research I

Examination and review of research methods in behavioral sciences and the nature of empirical data, organization of univariate and bivariate data.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Notes: Not open to those with credit in SOCL 250 or SOCL 304. Must be followed by SOCL 342.

Last Updated: Links 03/2011

SOCL 342 - Quantitative Methods of Social Research II

Further review and applications of research methods and introduction to statistical inference.

Credit Hours: 3 hrs

Prerequisite: SOCL 341

Notes: Not open to those with credit in SOCL 250 or SOCL 304.

Last Updated: Links 03/2011

SOCL 344 - Sociology of Gender

Analysis of past, present and future sex roles; the changing roles of women and men, and the conflicts and consequences of these changes on marriage and family systems in the United States.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: WGST 344

Last Updated: Links 03/2011

SOCL 345 - Ethnographic Methods

A review and examination of social-science research methods that entail fieldwork, participant observation, naturalistic experimentation and the analysis of cultural data.

Credit Hours: 3 hrs

Prerequisite: SOCL 105 or ANTH 135 or department permission

Cross-Listed with: ANTH 345

Notes: Not open to those with credit in ANTH 345.

Previously Listed As: Qualitative Methods

Last Updated: 2/16/2011; effective Spring 2011

SOCL 352 - Sociology of Education

Using the traditional lecture method combined with small-group interactive exercises, this course will systematically examine the institution of American public education by focusing on the interplay between education, its social history, gender and race, environment, social control, ideology, the school in a global economy, and social structure in the formation and procession of schooling through a variety of theoretical scopes.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 375 - Political Sociology

The structure of political systems analyzed from an individual and social system perspective.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Links 03/2011

SOCL 387 - Cooperative Education in Sociology

Practical experience in industrial, business, or government settings to provide job skills.

Credit Hours: 3 hrs

Prerequisite: Department permission

Notes: Offered on a credit/no-credit basis

Last Updated: Links 03/2011

SOCL 402 - Group Dynamics

Structure and interaction processes of small groups. Cohesiveness, group standards, conformity and deviance, leadership, group emotion, communication, group roles and sociometrics.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 403W - Modern Sociological Theory (Gen Ed Area I, W)

The rise and development of sociological thought from Comte to the present. The works of various European and American schools analyzed and critically appraised in terms of their value in empirical research.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Area I: Effective Communication

SOCL 403W Modern Sociological Theory

This course is organized to have students develop and employ successful, flexible writing and reading strategies that support sustained inquiry in sociology. The course will culminate in a research project where students will use writing strategies designed to increase knowledge of how sociological theory has evolved to aid our understanding of pressing issues facing our contemporary world by formulating research questions, and responding to them by searching library data bases as well as incorporate assigned readings to conduct a literature review. This course will lead to the student learning to communicate, disseminate, and interpret information within sociology. Finally, this research project will be a process where student work is supported through intermediate steps with opportunities for feedback and revision.

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Gen Ed Approval 12/2011; Graduate Credit 07/2011; Links 03/2011

SOCL 405 - Senior Seminar in Sociology

The purpose of this course is to integrate sociological knowledge, theory and methods, and relate them to applications within the student's discipline and profession.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Class Restrictions: Senior standing

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 412 - Law and Society

Law as a social and cultural product; the interrelationships between law and social institutions.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Cross-Listed with: CRM 412

Notes: Not open to those with credit in CRM 412.

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 440 - Sociology of Technology

A study of social factors involved in the creation, innovation, distribution, evaluation and social effects of technology.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 448 - Collective Behavior

Spontaneous, transitory and volatile collective behavior contrasted with the relatively stable, institutionalized patterns of interaction. Analysis of rumor transmission, crowd behavior, mass behavior, and the emergence of organized social movements.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 450 - The Family

The family as a basic social institution. Various types of family systems throughout the world with special emphasis on the American family.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 451 - Sociology of Work and Occupations

Social aspects of work. Recruitment, career patterns, professionalization, sociology of the workplace and labor force.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 456 - Global Women: A Cross-Cultural Approach

An overview of how globalization processes - economic, cultural and political - impact women and gender inequalities across countries and cultures. The course examines the intersections of gender and work, race, ethnicity, family, religion, and political participation from an international comparative approach, and how the internationalization of women's rights and organizations has been redefining feminism worldwide.

Credit Hours: 3 hrs

Class Restrictions: Senior, Graduate Certificate or Masters standing

Cross-Listed with: WGST 456, WGST 556, SOCL 556

Last Updated: Links 03/2011

SOCL 462 - Complex Organizations

An examination of several types of large organizations, with emphasis on the nature of bureaucratic organizations. Theoretical and empirical studies of organizational growth, recruitment, control and relations between organizations.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 465 - Sociology of Revolution

This course surveys major theoretical perspectives that have been used by social scientists to interpret and explain revolutions. With the aid of the best available theories, the course will examine a series of historical instances, ranging from the French Revolution of the 18th century, through the Russian and Chinese Revolutions, to recent revolutions in post-colonial or dependent countries, such as the Iranian Revolution.

Credit Hours: 3 hrs

Prerequisite: SOCL 105

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 477 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 1 hr
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 478 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 2 hrs
Prerequisite: SOCL 105
Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Links 03/2011

SOCL 479 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Last Updated: Links 03/2011

SOCL 487 - Cooperative Education in Sociology

Practical experience in industrial, business, or government settings to provide job skills.

Credit Hours: 3 hrs
Prerequisite: SOCL 387/CRM 387
Notes: Offered on a credit/no-credit basis.
Last Updated: Graduate Credit 04/2012, effective Fall 2012; Graduate Credit 07/2011; Links 03/2011

SOCL 489 - Internship in Sociology

Students are assigned a minimum of eight hours per week to a governmental or private organization dealing with a sociological problem, issue, service or concern. The placement, in agreement with the field instructor, provides supervised learning experiences appropriate to the objectives of the undergraduate program. A weekly seminar relates field experience to theory.

Credit Hours: 3 hrs
Prerequisite: SOCL 105 and department permission
Class Restrictions: Senior Standing
Major Restrictions: Sociology Majors
Last Updated: Links 03/2011

SOCL 497 - Independent Study

Directed reading and research on problems within the field of sociology.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SOCL 498 - Independent Study

Directed reading and research on problems within the field of sociology.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOCL 499 - Independent Study

Directed reading and research on problems within the field of sociology.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Women's and Gender Studies Programs and Courses

Women's and Gender Studies

Major

Women's and Gender Studies Major

Revised Program, Effective Winter 2013

Catalog Correction: Students who entered Eastern Michigan University in the Fall of 2012, are eligible to follow this program as it appeared in the 2011-2012 Undergraduate Catalog. Students may also follow the program as it appeared in the 2012-2013 Catalog and those succeeding it.

The Women's and Gender Studies Program offers an interdisciplinary academic major and minor to provide intellectual perspective and life-enriching skills for women and men. Professors have designed technology, politics and health courses that document the contributions of women to history, literature, science, education, family and work in a cultural context. Insights into the psychology of women, the impact of women on social structures and how women influence contemporary society will be valuable to students in their personal and professional lives.

Individual courses in the Women's and Gender Studies Program can be taken as electives to enrich any major.

Women's and Gender Studies Department Information:

Interim Department Head: Suzanne Gray
Department Contact: sgray17@emich.edu
Website: <http://www.emich.edu/wgstudies/>

Adviser Information:

Program Adviser: Dr. Deanna Mihaly
Email: dmihaly@emich.edu
Phone: 734.487.1177

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 30 hours

Core Courses: 12 hours

- WGST 200 - Introduction to Women's Studies (Gen Ed Area III) 3 hrs
or
- WGST 202 - Introduction to Gender and Sexuality (Gen Ed Area III) 3 hrs

- PHIL 226 - Feminist Theory (Gen Ed Area III, IV) 3 hrs
or
- WGST 226 - Feminist Theory (Gen Ed Area III, IV) 3 hrs
- WGST 300 - Feminist Inquiry 3 hrs
- WGST 400 - Capstone Seminar 3 hrs
(substitute course as approved by adviser)

Restricted Elective Courses: 12 hours

Choose 3 hours from the courses listed under of the four groups. Special Topics/Independent Study substitutions approved by advisor.

I. Arts and Humanities

- ARTH 473 - Women in Art 3 hrs
- CASI 240 - Reel Women/Real Women 3 hrs
- CHL 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- CLAS 321 - Women and Gender in the Ancient World 3 hrs
- HIST 321 - Women and Gender in the Ancient World 3 hrs
- HIST 325 - History of Sexuality 3 hrs
- HIST 335 - History of Women in Europe 3 hrs
- HIST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs
- PHIL 326 - Philosophy & Sexuality 3 hrs
- PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- LITR 443 - Women in Literature 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- WGST 321 - Women and Gender in the Ancient World 3 hrs
- WGST 325 - History of Sexuality 3 hrs
- WGST 326 - Philosophy & Sexuality 3 hrs
- WGST 335 - History of Women in Europe 3 hrs
- WGST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs
- WGST 340 - Transgenre; Genre, Gender and Sex (A Queer Poetics) 3 hrs
- WGST 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- WGST 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- WGST 436 - Women in Art 3 hrs
- WGST 443 - Women in Literature 3 hrs
- WGST 445 - Sexualities in Literature and Culture 3 hrs

II. Social and Physical Sciences

- AAS 243 - Black Women: Politics and Racism 3 hrs
- AAS 362 - Black Women: Religion and Sexism 3 hrs
- ANTH 355 - Anthropology of Women 3 hrs
- BIO 269 - Biology of Sex and Gender 3 hrs
- CRM 338 - Women, Crime and Justice 3 hrs

- ECON 328 - Economics of Women 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PSY 242 - Psychology of Women 3 hrs
- SOCL 338 - Women, Crime and Justice 3 hrs
- SOCL 344 - Sociology of Gender 3 hrs
- SOCL 450 - The Family 3 hrs
- WGST 242 - Psychology of Women 3 hrs
- WGST 243 - Black Women: Politics and Racism 3 hrs
- WGST 269 - Biology of Sex and Gender 3 hrs
- WGST 328 - Economics of Women 3 hrs
- WGST 338 - Women, Crime and Justice 3 hrs
- WGST 344 - Sociology of Gender 3 hrs
- WGST 355 - Anthropology of Women 3 hrs
- WGST 362 - Black Women: Religion and Sexism 3 hrs
- WGST 365 - Women and Politics 3 hrs

III. Multicultural and Cross-Cultural Studies

- AAS 243 - Black Women: Politics and Racism 3 hrs
- AAS 361 - The African American Family 3 hrs
- AAS 362 - Black Women: Religion and Sexism 3 hrs
- ANTH 355 - Anthropology of Women 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- WGST 210 - Gender in a Transnational World 3 hrs
- WGST 243 - Black Women: Politics and Racism 3 hrs
- WGST 355 - Anthropology of Women 3 hrs
- WGST 362 - Black Women: Religion and Sexism 3 hrs
- WGST 370 - Women's and Gender Studies Abroad (NEW COURSE) 3 hrs
- WGST 450 - Topics in Women's and Gender Studies (NEW COURSE) 3 hrs
- WGST 456 - Global Women: A Cross-Cultural Approach 3 hrs

IV. Communities

- BMMT 205 - Women in Business 3 hours
- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- CTAC 265 - Communicating and LGBT Community 3 hrs
- LEGL 418 - Women and Law 3
- STS 420 - Women and Technology 3 hrs
- SWRK 413 - Women and Aging 3 hrs
- SWRK 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons 3 hrs
- WGST 205 - Women in Business 3 hrs
- WGST 230L - Conversations with Girls (Gen Ed Area V LBC) 4 hrs
- WGST 260 - Gender Communication (Gen Ed Area III) 3 hrs

- WGST 265 - Communicating and LGBT Community 3 hrs
- WGST 305 - Queer Studies 3 hrs
- WGST 387 - Cooperative Education in Women's Studies 3 hrs
- WGST 413 - Women and Aging 3 hrs
- WGST 418 - Women and the Law 3 hrs
- WGST 420 - Women and Technology 3 hrs
- WGST 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons 3 hrs
- WGST 487 - Cooperative Education in Women's Studies 3 hrs

Elective Courses: 6 hours

Students may chose any WGST course for their elective requirements.

300/400 Level Course Requirement

WGST majors must complete at least 15 credit hours of course work at the 300 level or above.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Special topics courses (WGST 279/378/379/478/479) and independent study (WGST 497/498/499) offerings may be substituted for either restricted or other electives with department permission.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Queer Studies Minor

New Minor, Effective Winter 2013

The minor in Queer Studies will foster critical and creative thinking about sexual and gender norms, identities, bodies, and experiences in global, national, and local contexts. Through examining and contextualizing debates in the field, students will

develop skills that inform approaches to lesbian, gay, bisexual, transgender, and queer history and politics, enabling participation in communities and scholarship.

Women's and Gender Studies Department Information:

Interim Department Head: Suzanne Gray
Department Contact: sgray17@emich.edu
Website: <http://www.emich.edu/wgstudies/>

Required Courses: 6 hours

- WGST 202 - Introduction to Gender and Sexuality (Gen Ed Area III) 3 hrs
- WGST 305 - Queer Studies 3 hrs

Restricted Electives: 15 hours

Students must take two course from two of the lists below, and one course from the remaining list for a total of 15 credit hours.

Please note that only one course with the same non-WGST prefix will count towards the minor. (ex. You can not count two HIST courses to the Minor)

Movements, Identities and Communities

- CTAC 265 - Communicating and LGBT Community 3 hrs
- HIST 325 - History of Sexuality 3 hrs
or
- HIST 415 - Sexual Communities in American History 3 hrs
- SOCL 344 - Sociology of Gender 3 hrs
- WGST 265 - Communicating and LGBT Community 3 hrs
- WGST 325 - History of Sexuality 3 hrs
- WGST 344 - Sociology of Gender 3 hrs

Theory and Culture

- CHL 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- PHIL 326 - Philosophy & Sexuality 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- WGST 326 - Philosophy & Sexuality 3 hrs
- WGST 340 - Transgenre; Genre, Gender and Sex (A Queer Poetics) 3 hrs
- WGST 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- WGST 445 - Sexualities in Literature and Culture 3 hrs

Application and Practice

- BIO 269 - Biology of Sex and Gender 3 hrs

- HLED 130 - Healthy Sexuality 3 hrs
- PSY 240 - Psychology of Sex Part I 3 hrs
- SWRK 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons 3 hrs
- WGST 269 - Biology of Sex and Gender 3 hrs
- WGST 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons 3 hrs

Program Total: 21 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Women's and Gender Studies Minor

Revised Minor, Effective Winter 2013

For all of the following listed courses, note the relevant department's or program's course prerequisites. For availability of any of the following courses, check the class schedule of the term for which you register. Also, consult the Women's and Gender Studies Program Director or the undergraduate adviser for other approved women's and gender studies courses offered in the term for which you register.

Women's and Gender Studies Department Information:

Interim Department Head: Suzanne Gray
 Department Contact: sgray17@emich.edu
 Website: <http://www.emich.edu/wgstudies/>

Adviser Information:

Program Adviser: Dr. Deanna Mihaly
 Email: dmihaly@emich.edu
 Phone: 734.487.1177

Required Courses: 3 hours

- WGST 200 - Introduction to Women's Studies (Gen Ed Area III) 3 hrs

Restricted Elective Courses: 12 hours

Select six hours from each of the following groups:

I. Arts and Humanities

- ARTH 473 - Women in Art 3 hrs
- CLAS 321 - Women and Gender in the Ancient World 3 hrs
- HIST 321 - Women and Gender in the Ancient World 3 hrs

- HIST 335 - History of Women in Europe 3 hrs
- HIST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs
- LITR 443 - Women in Literature 3 hrs
- PHIL 226 - Feminist Theory (Gen Ed Area III, IV) 3 hrs
- PHIL 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- WGST 226 - Feminist Theory (Gen Ed Area III, IV) 3 hrs
- WGST 305 - Queer Studies 3 hrs
- WGST 321 - Women and Gender in the Ancient World 3 hrs
- WGST 335 - History of Women in Europe 3 hrs
- WGST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs
- WGST 426W - Topics in Gender and Philosophy (Gen Ed Area I, W) 3 hrs
- WGST 436 - Women in Art 3 hrs
- WGST 443 - Women in Literature 3 hrs

II. Social and Physical Sciences

- AAS 243 - Black Women: Politics and Racism 3 hrs
- AAS 362 - Black Women: Religion and Sexism 3 hrs
- ANTH 355 - Anthropology of Women 3 hrs
- CRM 338 - Women, Crime and Justice 3 hrs
- CTAC 260 - Gender Communication (Gen Ed Area III) 3 hrs
- ECON 328 - Economics of Women 3 hrs
- PLSC 243 - Black Women: Politics and Racism 3 hrs
- PLSC 362 - Black Women: Religion and Sexism 3 hrs
- PLSC 365 - Women and Politics 3 hrs
- PSY 242 - Psychology of Women 3 hrs
- SOCL 338 - Women, Crime and Justice 3 hrs
- SOCL 344 - Sociology of Gender 3 hrs
- WGST 210 - Gender in a Transnational World 3 hrs
- WGST 242 - Psychology of Women 3 hrs
- WGST 243 - Black Women: Politics and Racism 3 hrs
- WGST 260 - Gender Communication (Gen Ed Area III) 3 hrs
- WGST 328 - Economics of Women 3 hrs
- WGST 338 - Women, Crime and Justice 3 hrs
- WGST 344 - Sociology of Gender 3 hrs
- WGST 355 - Anthropology of Women 3 hrs
- WGST 362 - Black Women: Religion and Sexism 3 hrs
- WGST 365 - Women and Politics 3 hrs
- WGST 456 - Global Women: A Cross-Cultural Approach 3 hrs

Elective Courses: 6 hours

Six hours from the following elective courses, Unused Group courses, Special Topics courses (WGST 279/378/379/478/479) and Independent Study (WGST 497/498/499) may be approved for Elective by Program Adviser.

- BMMT 205 - Women in Business 3 hours
- LEGL 418 - Women and Law 3

- PHED 405 - Women in Sports 3 hrs
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- STS 420 - Women and Technology 3 hrs
- SWRK 413 - Women and Aging 3 hrs
- WGST 202 - Introduction to Gender and Sexuality (Gen Ed Area III) 3 hrs
- WGST 205 - Women in Business 3 hrs
- WGST 300 - Feminist Inquiry 3 hrs
- WGST 370 - Women's and Gender Studies Abroad (NEW COURSE) 3 hrs
- WGST 405 - Women in Sports 3 hrs
- WGST 413 - Women and Aging 3 hrs
- WGST 418 - Women and the Law 3 hrs
- WGST 420 - Women and Technology 3 hrs
- WGST 450 - Topics in Women's and Gender Studies (NEW COURSE) 3 hrs
- WGST 487 - Cooperative Education in Women's Studies 3 hrs
- WGST 230L - Conversations with Girls (Gen Ed Area V LBC) 4 hrs
- WGST 387 - Cooperative Education in Women's Studies 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Children's Literature

WGST 445 - Sexualities in Literature and Culture

A seminar devoted to theorizing and articulating the relationships between literature and culture, focusing on the diverse and shifting forms of sexuality manifested in the cultural imagination across several literary periods.

Credit Hours: 3 hrs

Prerequisite: Six hours of 300-level course work in one of the following prefixes-ENGL, LITR, HIST, PHIL - or Department Permission

Cross-Listed with: LITR 445

Last Updated: New Course, 11/2012, effective Winter 2013

Women and Gender Studies

WGST 177 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 1 hr

Prerequisite: department permission

WGST 178 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 2 hrs

Prerequisite: department permission

WGST 179 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 3 hrs

Prerequisite: department permission

WGST 200 - Introduction to Women's Studies (Gen Ed Area III)

This course provides an overview of the main issues confronting women in the United States today. Topics covered may include patriarchy and oppression, media images, violence, work, sexuality, feminism and commonalities and differences of women from different racial/ethnic and class backgrounds.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

WGST 200 Introduction to Women's Studies [was WMST200]

Introduction to Women's Studies introduces students to diversity in the United States by examining the lives of women from diverse racial/ethnic and class backgrounds. The course explores constructions of difference- whether based on race, ethnicity, gender, sexuality or class- and helps students understand how these constructions have been and continue to be fundamental to life in the U.S.

WGST 202 - Introduction to Gender and Sexuality (Gen Ed Area III)

This course will introduce students to the way in which society constructs gender and sexual identity, and the way in which, in turn, gender and sexuality shape our understanding of the world and ourselves. Topics will include femininity and masculinity, as well as lesbian, gay, bisexual, transgender history and experience.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

WGST 202 Introduction to Gender and Sexuality

Introduction to Gender and Sexuality meets the requirements of the General Education Program in the U.S. Diversity area by demonstrating the ways in which gender and sexual conditioning influence the experiences of men and women and shape their sense of identity as it intersects with different classes, racial or ethnic groups and sexualities. The course helps students to

understand and explore the ways in which these complex constructions and attitudes towards gender and sexuality lead to prejudice in the spheres of family, education, employment, health, politics and the media.

WGST 205 - Women in Business

Social and business conditions that support the entry of women to executive positions in business; career opportunities at the professional and executive levels of business.

Credit Hours: 3 hrs

Cross-Listed with: BMMT 205

Last Updated: Links 03/2011

WGST 208 - Minority Women in the United States

This course surveys the situation of and the conditions that affect the lives of four groups of minority women in the United States who are from diverse cross-cultural backgrounds: Black, Asian-American, Latin-American and Native American. It focuses on the contemporary situation of these women and compares the four groups in terms of demographics, economic and occupational situations, education, family lives and relationship to the feminist movement.

Credit Hours: 3 hrs

Cross-Listed with: ANTH 208, SOCL 208

Last Updated: Links 03/2011

WGST 210 - Gender in a Transnational World

This course introduces students to a comparative framing of gender issues through a cross-national and intersectional approach. Course topics- the social construction of gender relations, the gendered family, gendered media and popular cultures, religion and gender, the gendered body, and the violence of gender - will be taught cross-culturally and cross-nationally. An intersectional approach - the interconnections of gender with class, race, ethnicity, sexual orientation, and location - will be explored throughout course topics. Students will critically analyze gender issues by situating them in a transnational world. Globalization will be presented as both a *gendered* and a *multidimensional*- cultural, economic, and political - process.

Credit Hours: 3 hrs

Last Updated: New Course, 11/2012, effective Winter 2013

WGST 226 - Feminist Theory (Gen Ed Area III, IV)

A consideration of philosophical issues concerning the nature and status of women. Readings from both traditional and contemporary sources. Topics may include scientific and religious views, the ideal society and women's place in it, varieties of feminism, views on sexuality, family and reproduction, and work and the economy.

Credit Hours: 3 hrs

Cross-Listed with: PHIL 226

Area III: Perspectives on a Diverse World

WGST 226 Feminist Theory [was PHIL/WMST226]

Gender is one of the principal characteristics determining identity and life experience for human beings. This course takes a philosophical approach to gender, examining beliefs about women and men from a wide variety of cultural and political perspectives. We consider both traditional justifications of the differential treatment of women and men in such institutions as marriage and family, as well as theories that challenge these traditional views. *PHIL226 Feminist Theory* fulfills the Global

Awareness requirement of the General Education Program because it considers a wide range of practices and beliefs about gender from across the globe, with an emphasis on the intellectual and ethical complexities of understanding and judging gendered practices in cultures other than our own. Gender is one of the principal characteristics determining identity and life experience for human beings. This course takes a philosophical approach to gender, examining beliefs about women and men from a wide variety of cultural and political perspectives. We consider both traditional justifications of the differential treatment of women and men in such institutions as marriage and family, as well as theories that challenge these traditional views. This course is a general education course in the knowledge of the disciplines because it provides an introduction to the discipline of philosophy through the concept of gender, its methodology and its contribution to the body of human knowledge. Students will acquire skills or critical reasoning and develop skills for evaluating and creating substantive arguments to support philosophical positions. Developing such skills is central to the process of higher-education. Moreover, such skills will serve students throughout their educations across all disciplines, in their careers or in pursuing graduate or professional degrees and in exercising their civic duties.

Area IV: Knowledge of the Disciplines

WGST 226 Feminist Theory [was PHIL/WMST 226]

Gender is one of the principal characteristics determining identity and life experience for human beings. This course takes a philosophical approach to gender, examining beliefs about women and men from a wide variety of cultural and political perspectives. We consider both traditional justifications of the differential treatment of women and men in such institutions as marriage and family, as well as theories that challenge these traditional views. This course is a general education course in the knowledge of the disciplines because it provides an introduction to the discipline of philosophy through the concept of gender, its methodology, and its contribution to the body of human knowledge. Students will acquire skills of critical reasoning and develop skills for evaluating and creating substantive arguments to support philosophical positions. Developing such skills is central to the process of higher-education. Moreover, such skills will serve students throughout their educations across all disciplines, in their careers or in pursuing graduate or professional degrees and in exercising their civic duties.

Last Updated: Links 03/2011

WGST 230L - Conversations with Girls (Gen Ed Area V LBC)

This course provides practice-based theory and methodology about educational mentoring relationships. Students are required to apply theory and methodology learned in the classroom to work with a community agency that is directly relevant to the focus of the course.

Credit Hours: 4 hrs

Last Updated: Links 03/2011

WGST 242 - Psychology of Women

Theories and empirical research concerning personality development in females. Examination of the origins of the behavior of women.

Credit Hours: 3 hrs

Prerequisite: PSY 101 or PSY 103

Cross-Listed with: PSY 242

Last Updated: Links 03/2011

WGST 243 - Black Women: Politics and Racism

This course examines American politics as it relates to African American women. The course analyzes ways in which political issues affect black women differently than African American men, white men and white women. Considerable attention is given

to the definition of the political realm as opposed to the nonpolitical realm when discussing groups traditionally marginalized or excluded from political life.

Credit Hours: 3 hrs

Cross-Listed with: AAS 243, PLSC 243

Last Updated: Links 03/2011

WGST 260 - Gender Communication (Gen Ed Area III)

Exploration of the multifaceted ways communication, culture, and gender are interconnected and the influences of each. Critical analysis of gender communications "differences" as they are influenced by culture and our everyday communication.

Credit Hours: 3 hrs

Cross-Listed with: CTAC 260

Area III: Perspectives on a Diverse World

CTAC 260 Gender Communication [was CTAC/WGST 360]

Gender Communication is communication *about* and *between* men and women. It is communication *about* men and women because gender communication is reflected in everything around us. From the time we are born important people in our life communicate our society's gender expectations to us. While individuals vary in the extent to which they accept or reject those messages, we all "do gender" by expressing our views about what we believe is normal or natural for a member of our sex. Since gender is a social construction that changes over time, it is important that we systematically study it to determine how it affects us, the people with whom we interact, and the world in which we live. Gender communication is also communication *between* men and women. In the United States interactions between women and men occur every hour of every day. The sheer number of contacts we have with the opposite sex heightens the need to study the effects of gender on the communication process.

CTAC 260 meets the U.S. diversity requirement of general education because it allows students to examine their gender identity and relate it to the gender identity of others. This ultimately leads to an understanding of the many different ways people view gender and communication in the United States. Attention is also focused on the communication-related causes and consequences of social intolerance toward individuals who deviate from normative sex and gender roles, and how that intolerance relates to racism, ethnocentrism, and exclusion in the United States. Last but not least, students explore the association between gender and income distribution, economic opportunities, political participation and the U.S. democratic process, and how those variables impact communication between and within the sexes.

Last Updated: Links 03/2011

WGST 265 - Communicating and LGBT Community

Communication and LGBT Community examines communication about and within diverse Lesbian, Gay, Bisexual, and Transgender identity communities. Patterns in social movement, issue advocacy, group identity expression, and media representation are reviewed and evaluated. The course explores questions of intolerance, stereotyping, and intersectionality, applying perspectives drawn from communication and queer theories.

Credit Hours: 3 hrs

Cross-Listed with: CTAC 265

Last Updated: New Course 09/2012, effective Winter 2012

WGST 269 - Biology of Sex and Gender

Lectures will address the biology of sex and gender from early stages of development throughout life. Anatomy and physiology of gender and behaviors in humans and other animals will be discussed. Topics include: sexual differentiation, puberty, reproductive patterns and the effects of aging on the sexual response.

Credit Hours: 3 hrs

Prerequisite: BIO 105, BIO 110 or BIO 251

Cross-Listed with: BIO 269

Last Updated: 03/2011

WGST 277 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 1 hr

Prerequisite: department permission

WGST 278 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 2 hrs

Prerequisite: department permission

WGST 279 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 3 hrs

Prerequisite: department permission

WGST 300 - Feminist Inquiry

This course examines the concept of knowledge, traditional methods for the construction of knowledge, and feminist critiques of these traditional methods. Both multidisciplinary and interdisciplinary methodologies employed in women's and gender studies and explored and applied.

Credit Hours: 3 hrs

Prerequisite: WGST 200 or WGST 202

Last Updated: New Course, 11/2012, effective Winter 2013

WGST 305 - Queer Studies

Queer Studies explores scholarship, activism, and culture production by and about lesbian, gay, bisexual, transgendered, and queer people and communities. This course examines scholarly research in the social sciences and humanities along with fiction, poetry, and film in order to address how people build knowledge about queer lives.

Credit Hours: 3 hrs

Prerequisite: WGST 202

Last Updated: New Course, 11/2012, effective Winter 2013

WGST 321 - Women and Gender in the Ancient World

An investigation of life for women in antiquity, focusing on the sex-gender system of Greek and Roman societies. Literary, inscriptional and other evidence will be studied to disclose the classical roots of western beliefs and attitudes about women.

Credit Hours: 3 hrs

Prerequisite: one 100-level course in history

Cross-Listed with: CLAS 321, HIST 321

Last Updated: Links 03/2011

WGST 325 - History of Sexuality

A topical approach to the role that sex and sexuality has played in American history; topics include the family, gender, interracial relations, the birth control movement, origins of the gay community, politics of abortion, and sexually transmitted infections.

Credit Hours: 3 hrs

Cross-Listed with: HIST 325

Last Updated: Links 03/2011

WGST 326 - Philosophy & Sexuality

This course applies philosophical methods to ethical, political, and conceptual questions related to sexual preference and identity, including: What is the ethical status of homosexuality? Should same sex marriage be legal? What groups does/should "LGBT"(etc)"seek to identify? Who is "queer"? What is the relation between feminism and the liberation of sexual minorities?

Credit Hours: 3 hrs

Prerequisite: One PHIL course excluding PHIL 120 and PHIL 130.

Cross-Listed with: PHIL 326

Course Revisions:

Course approved for General Education-Writing Intensive, Effective Winter 2013

Last Updated: New Course, 11/2012, effective Winter 2013

WGST 328 - Economics of Women

The changing economic role of women in the labor force. Analysis of policies affecting earnings, employment, and work and family issues in traditional and nontraditional occupations. Includes some international comparisons.

Credit Hours: 3 hrs

Prerequisite: one 100-, 200- or 300-level course in economics

Cross-Listed with: ECON 328

Last Updated: 03/2011

WGST 335 - History of Women in Europe

A study of the history of women and views of women in western society from the 18th century to the present. Emphasizes the struggles, setbacks and achievements of the women's movements in the context of modern European history.

Credit Hours: 3 hrs
Prerequisite: one course in history
Cross-Listed with: HIST 335
Last Updated: 03/2011

WGST 336 - History of Women in the United States and Great Britain, 1800 to the Present

A comparative study of the history of women in the United States and Great Britain. Examines the ideology of the nature and role of women, the history of women's lives, the impact of industrialization and the feminist movements of the 19th and 20th centuries.

Credit Hours: 3 hrs
Prerequisite: one course in history or department permission
Cross-Listed with: HIST 336
Last Updated: 03/2011

WGST 338 - Women, Crime and Justice

This course will offer a critical analysis of gender and criminal justice as it relates to women as victims, offenders and agents of the criminal justice system. Additionally, the social conditions of criminality, intervention strategies, as well as, social action and criminal justice policy reform will be examined.

Credit Hours: 3 hrs
Cross-Listed with: CRM 338, SOCL 338
Last Updated: 03/2011

WGST 340 - Transgenre; Genre, Gender and Sex (A Queer Poetics)

This course provides an introduction to the relation between literary genre theory and social systems of gender, sex and race through a rigorous investigation of "transgenre" literary texts (forms that transgress genre conversations) across periods and cultures. In addition, the course offers a creative writing workshop with an emphasis on the transgenre themes and forms.

Credit Hours: 3 hrs
Prerequisite: WGST 202
Class Restrictions: Undergraduates 2nd year and above
Last Updated: New Course, 11/2012, effective Winter 2013

WGST 344 - Sociology of Gender

Analysis of past, present and future sex roles; the changing roles of women and men, and the conflicts and consequences of these changes on marriage and family systems in the United States.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Cross-Listed with: SOCL 344
Last Updated: 03/2011

WGST 353 - Genders and Sexualities in Literature for Young Readers

Students in this course will read, discuss, research and write about works of literature written for children and young adults and focused on issues of sexuality and gender.

Credit Hours: 3 hrs

Cross-Listed with: CHL 353

Last Updated: New Course, 11/2012, effective Winter 2013

WGST 355 - Anthropology of Women

The role of women in diverse cultural contexts. Theories dealing with the position of women. Life histories of women constitute the basic reading in this course.

Credit Hours: 3 hrs

Prerequisite: ANTH 135 or department permission

Cross-Listed with: ANTH 355

Last Updated: 03/2011

WGST 362 - Black Women: Religion and Sexism

An introduction to the social and political role of Black women in African American religious institutions. Particular attention will be placed on how African American religion has limited the power of women. Additionally, the course will examine the historical evolution of the various major black denominations in America and their political and social roles in African American communities.

Credit Hours: 3 hrs

Cross-Listed with: AAS 362, PLSC 362

Last Updated: 03/2011

WGST 365 - Women and Politics

A study of the role of women in American politics as voters, activists and candidates, with consideration of how the political behavior of women relates to their economic, social and religious roles. Comparisons are made with select European and Asian political systems.

Credit Hours: 3 hrs

Cross-Listed with: PLSC 365

Last Updated: 03/2011

WGST 370 - Women's and Gender Studies Abroad (NEW COURSE)

This course involves short-term travel and study outside the United States. Topics in women's and gender studies will be explored in the context of transnational feminism, with examination of issues related closely to the place of study.

Credit Hours: 3 hrs

Prerequisite: program director approval

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 05/2012, effective Winter 2013

WGST 377 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different, but no more than two such courses may

be counted toward the minor in women and gender studies.

Credit Hours: 1 hr

Prerequisite: department permission

WGST 378 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different, but no more than two such courses may be counted toward the minor in women and gender studies.

Credit Hours: 2 hrs

Prerequisite: department permission

WGST 379 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different, but no more than two such courses may be counted toward the minor in women and gender studies.

Credit Hours: 3 hrs

Prerequisite: department permission

WGST 387 - Cooperative Education in Women's Studies

This course provides students with an opportunity to deal directly with issues affecting women by working with agencies and local organizations.

Credit Hours: 3 hrs

Prerequisite: department permission

WGST 400 - Capstone Seminar

A culminating experience designed to enable students to understand, demonstrate and improve skills acquired as majors or minors in the program, and to facilitate the integration of interdisciplinary knowledge.

Credit Hours: 3 hrs

Prerequisite: WGST 200 and WGST 226/PHIL 226

Course Revisions:

Course approved for General Education-Writing Intensive, effective Winter 2013

Last Updated: 03/2011

WGST 405 - Women in Sports

Patterns, problems and conditions associated with women's sports involvement in selected world cultures; the sportswoman in American society.

Credit Hours: 3 hrs

Cross-Listed with: PHED 405

Last Updated: 03/2011

WGST 413 - Women and Aging

Designed to provide social work, women's studies, and gerontology students with the skills and sensitivity to understand the issues, needs, and positive attributes of women as they grow older. Students will examine the lives of women in special groups, such as older minority women, caregivers, widows and institutionalized elderly women. Students will learn skills to provide effective services to older women in a variety of human service settings.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: SWRK 413

Last Updated: Graduate Credit 07/2011; 03/2011

WGST 415 - Sexual Communities in American History

This class addresses the history of sexuality and the development of communities based on sexual identity in the United States. Topics include the origins of scientific theories of sexuality, the development of social movements around sexual issues and social responses to sexual minorities.

Credit Hours: 3 hrs

Cross-Listed with: HIST 415

Last Updated: 03/2011

WGST 418 - Women and the Law

A critical analysis how gender, as an element of the American legal system, impacts the lives of women. Major U.S. cases and state and federal laws will be evaluated and challenged as appropriate.

Credit Hours: 3 hrs

Prerequisite: One of the following: LAW 293, LEGL 211, PLSC 301 or WGST 200

Cross-Listed with: LEGL 418

Last Updated: 03/2011

WGST 420 - Women and Technology

An interdisciplinary course designed to familiarize students with various concepts of technology, technological change and technological society; probe the problems and advantages women face in technological society or technology-based professions; explore women's roles in several specific technology professions.

Credit Hours: 3 hrs

Cross-Listed with: STS 420

Last Updated: 03/2011

WGST 426W - Topics in Gender and Philosophy (Gen Ed Area I, W)

An examination of gender and its relationship to other issues from a philosophical perspective. Possible topics include rationality, sexuality, aesthetics, ethics and political theory.

Credit Hours: 3 hrs

Prerequisite: two courses in philosophy or instructor permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: PHIL 426W

Last Updated: Graduate Credit 07/2011; 03/2011

WGST 436 - Women in Art

A survey of the contributions of female artists in the history of art. Discussions will include the history of women as patrons of the arts, and the uses of the female image in art.

Credit Hours: 3 hrs

Prerequisite: ARTH 263 or department permission

Cross-Listed with: ARTH 473

Last Updated: Links 06/2011

WGST 443 - Women in Literature

A study of women and their experiences as described in literature.

Credit Hours: 3 hrs

Prerequisite: two courses in literature

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: LITR 443

Last Updated: Graduate Credit 07/2011; 03/2011

WGST 450 - Topics in Women's and Gender Studies (NEW COURSE)

An examination of various topics in women's and gender studies. Possible topics include sexuality, transnational feminism, popular culture, social media and activism.

Credit Hours: 3 hrs

Prerequisite: WGST 200 or WGST 202

Course Revisions:

Course Revisions: This is a new course, effective Winter 2013.

Last Updated: New Course 05/2012, effective Winter 2013

WGST 456 - Global Women: A Cross-Cultural Approach

An overview of how globalization processes - economic, cultural and political - impact women and gender inequalities across countries and cultures. The course examines the intersections of gender and work, race, ethnicity, family, religion, and political participation from an international comparative approach, and how the internationalization of women's rights and organizations has been redefining feminism worldwide.

Credit Hours: 3 hrs

Class Restrictions: Senior, Graduate Certificate or Masters students only

Cross-Listed with: WGST 556, SOCL 456, SOCL 556

Last Updated: 02/2011

WGST 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons

This course exposes students to a wide array of life experiences of lesbian, gay, bi-attractional and transgender persons by listening to their own words — spoken, written, on film and through personal interviews. It develops a deeper contextual knowledge and understanding of life courses taken by sexual minorities.

Credit Hours: 3 hrs
Cross-Listed with: SWRK 462
Last Updated: 02/2011

WGST 477 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 1 hr
Prerequisite: department permission

WGST 478 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 2 hrs
Prerequisite: department permission

WGST 479 - Special Topics

Different subject matter will be taught each semester offered, including interdisciplinary courses in women and gender studies. Students may take these courses more than once provided the subject matter is different.

Credit Hours: 3 hrs
Prerequisite: department permission

WGST 487 - Cooperative Education in Women's Studies

This course provides students with an opportunity to deal directly with issues affecting women by working with agencies and local organizations.

Credit Hours: 3 hrs
Prerequisite: department permission

Course Revisions:

Course Revisions: This course will have a title change from WGST 487 "Cooperative Education in Women's Studies" to WGST 487 "Internship in Women's and Gender Studies," effective Winter 2013.

Last Updated: Title Change 05/2012, effective Winter 2013

WGST 497 - Independent Study

Advanced study on an individual basis in areas in which the program does not offer formal courses. These courses are restricted to juniors and seniors.

Credit Hours: 1 hr
Prerequisite: department permission

WGST 498 - Independent Study

Advanced study on an individual basis in areas in which the program does not offer formal courses. These courses are restricted to juniors and seniors.

Credit Hours: 2 hrs

Prerequisite: department permission

WGST 499 - Independent Study

Advanced study on an individual basis in areas in which the program does not offer formal courses. These courses are restricted to juniors and seniors.

Credit Hours: 3 hrs

Prerequisite: department permission

Accounting and Finance Programs and Courses

Accounting and Finance

Major

Accounting Information Systems Major

Accounting information systems is a four-year program designed to provide a bachelor's degree with a concentration in accounting and computer information systems. The program combines the course work required for a degree in accounting with several computer information systems courses.

Eastern Michigan University is one of only a few universities in the country offering this unique degree. Accounting information systems majors who obtain this degree are well prepared for careers in a dynamic and ever-changing environment, where knowledge of both accounting and computer information systems is mandatory. Possible career choices include computer systems design, computer assurance services, computer security analysis, internal auditing, public accounting, nonprofit accounting and strategic managerial accounting.

Upon graduation, accounting information systems majors who plan to become certified public accountants, certified management accountants, certified internal auditors or certified information systems auditors will qualify to sit for national certification examinations. In Michigan, CPA candidates qualify to sit for the exam upon graduation, but they need 150 hours of education for licensure in Michigan. However, many states require CPA candidates to have earned 150 hours of credit, or possibly a master's degree, before sitting for the exam. Be sure you know the requirements for your state.

The general requirements for the bachelor of business administration degree, the academic major requirements below and sufficient electives to meet the minimum of 124 hours for graduation, must be completed.

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.accfin.emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs

- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 69 hours

Business Core: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- * MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Discipline: 33 hours

- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 344 - Principles of Taxation 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs
- ACC 496W - Financial Management and Controllership (Gen Ed Area I, W) 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- IS 247 - Introduction to Web Application Development 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs

One course from the following:

Choose one course from the following, however permission is need to take IS 380.

- ACC 510 - Contemporary Accounting Information Systems 3 hrs
- IS 380 - Introduction to Databases 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level core courses listed above must be completed prior to admission to the College of Business.

** All 300-level core courses listed above must be completed before enrollment in MGMT 490 - Business Policy.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Accounting Major

Students majoring in accounting develop competencies necessary for professional careers in:

Controllership and Financial Management in Industry, which may lead to careers as Certified Management Accountants (CMA). Managerial accountants perform tasks within a business, such as strategic cost management, performance measurement, budget analysis and internal and operational auditing. The strategic managerial accountant generates and interprets operating and financial data that help management make decisions.

Internal Auditing, which may lead to careers as Certified Internal Auditors (CIA). Internal auditors are engaged within large corporations to provide independent objective assurance and consulting activities designed to add value and improve an organization's operations.

Public and Nonprofit Sector Accounting, which may lead to careers as Certified Government Financial Managers (CGFM). Government accountants work in federal, state and local governmental entities to provide information and accountability to taxpayers and other resource providers. Accountants in nonprofit organizations provide similar information to donors, grantors and other resource providers.

Through an optional internship program, students with good academic records have an opportunity to work in public accounting or industry. These paid (at market wages) internships provide education, exposure to professionals and opportunities to network.

Upon graduation, accounting majors who plan to become Certified Public Accountants (CPA), Certified Management Accountants (CMA) or Certified Internal Auditors (CIA) will qualify to sit for national certification examinations. In Michigan, CPA candidates qualify to sit for the exam upon graduation, but they need 150 hours of education for licensure. However, many states require CPA candidates to have earned 150 hours of credit, or possibly a master's degree, before sitting for the exam. Be sure you know the requirements for your state.

The general requirements for the bachelor of business administration degree, the academic major requirements below and sufficient electives to meet the minimum of 124 hours for graduation, must be completed.

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.accfm.emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ** FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- ** MGMT 386 - Organizational Behavior and Theory 3 hrs
- ** MGMT 490 - Business Policy 3 hrs
- ** MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Discipline: 24 hours

Required Courses: 18 hours

- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 344 - Principles of Taxation 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs
- ACC 496W - Financial Management and Controllership (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 6 hours

Two courses from the following:

- ACC 442 - Advanced Cost Accounting 3 hrs
- ACC 450 - Internal Auditing 3 hrs
- ACC 475 - International Accounting 3 hrs
- ACC 479 - Special Topics 3 hrs
- ACC 491 - Accounting Honors Thesis 3 hrs
- ACC 499 - Directed Studies 3 hrs
- ACC 510 - Contemporary Accounting Information Systems 3 hrs
- ACC 511 - Accounting for E-Commerce 3 hrs
- ACC 540 - Corporate Financial Reporting 3 hrs
- ACC 541 - Advanced Financial Accounting 3 hrs
- * ACC 546 - Public and Nonprofit Sector Accounting 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- ACC 560 - Fraud Examination 3 hrs
- ACC 584 - Tax Research Methods, Practice and Problems 3 hrs
- ACC 585 - Business Tax Planning 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must complete a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level core courses listed above must be completed prior to admission to the College of Business.

** Students who intend to sit for the CPA examination in Michigan must elect ACC 546 - Public and Nonprofit Sector Accounting and should consider the MSA graduate program as ACC 540, ACC 546 and ACC 567 should be taken at a minimum, in order to sit for the CPA exam.*

*** FIN 350, MGMT 386 and MKTG 360 must be completed before enrollment in MGMT 490 - Business Policy.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Bachelor's-Master's Degree in Accounting Information Systems

This combined degree program prepares students for careers in public accounting, industry and governmental and nonprofit entities. CPA candidates must have completed 150 hours of education before being admitted as members of the American Institute of Certified Public Accountants and to be licensed in most states.

Admission Requirements

Following are the minimal standards for admission to the combined B.B.A and M.S.A. degree program in accounting. Generally, each item should be satisfied, though the candidate's overall record is considered. Transfer credits and grades will be evaluated in terms of Eastern Michigan University equivalency.

Initial admission is dependent on:

1. completion of 90 hours of undergraduate course work including College of Business requirements, General Education requirements and ACC340 Intermediate Accounting;
2. a cumulative GPA of 3.0 on a 4.0 scale;
3. the candidate's written statement of personal goals; and
4. an interview with the program adviser.

Admission to the graduate level requires:

1. completion of 120 hours of undergraduate course work including course content noted under initial admission above and the undergraduate components (i.e., required and restricted electives);
2. a GMAT score of 500 (must be taken during the fourth year, so that the candidate's score is received before admission to the fifth year);
3. a cumulative G.P.A. of 3.0 and a 4.0 scale; and
4. completed application and payment of fee to the Graduate School.

Candidates should apply to the graduate program at the beginning of their senior year and take the Graduate Management Admission Test (GMAT) during that same year.

To inquire about the specific requirements and to develop the program of study, contact:

Director of Graduate Business Programs
404 Gary M. Owen Building
Eastern Michigan University
Ypsilanti, MI 48197
734.487.4444

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.accfm.emich.edu

Adviser Information:

Undergraduate Office of Academic Services
734-487-2344
cob_undergraduate@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 6 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

Undergraduate Requirements: 69 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Accounting Information Systems Core Courses: 30 hours

- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs
- ACC 496W - Financial Management and Controllorship (Gen Ed Area I, W) 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- IS 247 - Introduction to Web Application Development 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs

One course from the following:

- ACC 344 - Principles of Taxation 3 hrs
- ACC 544 - Federal Income Taxation 3 hrs

Restricted Electives: 3 hours

- ACC 442 - Advanced Cost Accounting 3 hrs
- ACC 450 - Internal Auditing 3 hrs
- ACC 460 - Principles of Fraud Examination 3 hrs
- ACC 475 - International Accounting 3 hrs
- ACC 491 - Accounting Honors Thesis 3 hrs
- ACC 499 - Directed Studies 3 hrs
- ACC 546 - Public and Nonprofit Sector Accounting 3 hrs
- ACC 550 - Professional Internal Auditing 3 hrs
- ACC 560 - Fraud Examination 3 hrs
- ACC 584 - Tax Research Methods, Practice and Problems 3 hrs
- ACC 585 - Business Tax Planning 3 hrs
- ACC 592 - Special Topics 3 hrs

Graduate Program Requirements: 24 hours

Required Accounting Courses: 9 hours

- * ACC 540 - Corporate Financial Reporting 3 hrs
- ACC 567 - Professional Auditing 3 hrs
- ACC 696 - Accounting Theory, Research and Policy 3 hrs

Restricted Elective Accounting Courses: 9 hours

- ACC 510 - Contemporary Accounting Information Systems 3 hrs
- ACC 511 - Accounting for E-Commerce 3 hrs

One course from the following:

- ACC 541 - Advanced Financial Accounting 3 hrs
- ** ACC 546 - Public and Nonprofit Sector Accounting 3 hrs
- ACC 550 - Professional Internal Auditing 3 hrs
- ACC 560 - Fraud Examination 3 hrs
- ACC 572 - Investment and Tax Financial Planning 3 hrs
- ACC 584 - Tax Research Methods, Practice and Problems 3 hrs
- ACC 585 - Business Tax Planning 3 hrs
- ACC 592 - Special Topics 3 hrs
- ACC 642 - Strategic Cost Management 3 hrs
- ACC 675 - International Accounting and Taxation 3 hrs
- ACC 681 - Special Topics 3 hrs
- ACC 699 - Independent Study 3 hrs

Restricted Electives: 6 hours

Select six credit hours from any combination of 500- to 600- level ACC, COB, DS, FIN, IB, IS, OM, MGMT, MKTG, LAW or SCM courses

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must complete a writing intensive course as part of major completion requirements. Consult your adviser for course options.

All 200-level core courses listed above must be completed prior to admission to the College of Business.

Students must have a 3.0 GPA and a 500 GMAT to be admitted to the graduate portion of the program.

** Students must be admitted to the graduate portion of the program before registering for courses in the graduate section of this program of study. For ACC 540, an exception requiring department approval may be requested.*

*** Students planning on taking the CPA exam in Michigan must take ACC 546.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Bachelor's-Master's Degree in Accounting

This combined degree program prepares students for careers in public accounting, industry and governmental and nonprofit entities. CPA candidates must have completed 150 hours of education before being admitted as members of the American Institute of Certified Public Accountants and to be licensed in most states.

Admission Requirements

Following are the minimal standards for admission to the combined B.B.A and M.S.A. degree program in accounting. Generally, each item should be satisfied, though the candidate's overall record is considered. Transfer credits and grades will be evaluated in terms of Eastern Michigan University equivalency.

Initial admission is dependent on:

1. completion of 90 hours of undergraduate course work including College of Business requirements, General Education requirements and ACC 340 - Intermediate Accounting;
2. a cumulative GPA of 3.0 on a 4.0 scale;
3. the candidate's written statement of personal goals; and
4. an interview with the program adviser.

Admission to the graduate level requires:

1. completion of 120 hours of undergraduate course work including course content noted under initial admission above and the undergraduate components (i.e., required and restricted electives);
2. a GMAT score of 500 (must be taken during the fourth year, so that the candidate's score is received before admission to the fifth year);
3. a cumulative G.P.A. of 3.0 and a 4.0 scale; and
4. completed application and payment of fee to the Graduate School.

Candidates should apply to the graduate program at the beginning of their senior year and take the Graduate Management Admission Test (GMAT) during that same year.

To inquire about the specific requirements and to develop the program of study, contact:

Director of Graduate Business Programs
404 Gary M. Owen Building
Eastern Michigan University
Ypsilanti, MI 48197
734.487.4444

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.accfm.emich.edu

Adviser Information:

Advisor Information:
Undergraduate Office of Academic Services
734-487-2344
cob_undergraduate@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Additional Requirements: 6 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

Undergraduate Program Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs

- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Accounting Core Courses: 21 hours

- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs
- ACC 496W - Financial Management and Controllorship (Gen Ed Area I, W) 3 hrs
- ACC 540 - Corporate Financial Reporting 3 hrs

One course from the following:

- ACC 344 - Principles of Taxation 3 hrs
- ACC 544 - Federal Income Taxation 3 hrs

Restricted Elective Course: 3 hours

Select one course from the following. If ACC 344 is selected for the accounting core course requirement, restricted elective course must be from the 500-level:

- ACC 442 - Advanced Cost Accounting 3 hrs
- ACC 450 - Internal Auditing 3 hrs
- ACC 475 - International Accounting 3 hrs
- ACC 479 - Special Topics 3 hrs
- ACC 491 - Accounting Honors Thesis 3 hrs
- ACC 499 - Directed Studies 3 hrs
- ACC 510 - Contemporary Accounting Information Systems 3 hrs
- ACC 511 - Accounting for E-Commerce 3 hrs
- ACC 541 - Advanced Financial Accounting 3 hrs
- * ACC 546 - Public and Nonprofit Sector Accounting 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- ACC 560 - Fraud Examination 3 hrs
- ACC 572 - Investment and Tax Financial Planning 3 hrs
- ACC 584 - Tax Research Methods, Practice and Problems 3 hrs
- ACC 585 - Business Tax Planning 3 hrs
- ACC 592 - Special Topics 3 hrs

Graduate Program Requirements: 24 hours

Required Accounting Courses: 6 hours

- ACC 567 - Professional Auditing 3 hrs
- ACC 696 - Accounting Theory, Research and Policy 3 hrs

Restricted Elective Accounting Courses: 12 hours

Twelve credit hours from the following:

- ACC 510 - Contemporary Accounting Information Systems 3 hrs
- ACC 511 - Accounting for E-Commerce 3 hrs
- ACC 541 - Advanced Financial Accounting 3 hrs
- * ACC 546 - Public and Nonprofit Sector Accounting 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- ACC 560 - Fraud Examination 3 hrs
- ACC 584 - Tax Research Methods, Practice and Problems 3 hrs
- ACC 585 - Business Tax Planning 3 hrs
- ACC 592 - Special Topics 3 hrs
- ACC 642 - Strategic Cost Management 3 hrs
- ACC 572 - Investment and Tax Financial Planning 3 hrs
- ACC 675 - International Accounting and Taxation 3 hrs
- ACC 681 - Special Topics 3 hrs
- ACC 699 - Independent Study 3 hrs

Restricted Non-Accounting Courses: 6 hours

Select nine credit hours from any combination of 500- to 600-level COB, DS, FIN, IS, POM, MGMT, MKTG, LAW or SCM courses

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must complete a writing intensive course as part of major completion requirements. Consult your adviser for course options.

All 200-level core courses listed above must be completed prior to admission to the College of Business.

Students must have a 3.0 GPA and a 500 GMAT to be admitted to the graduate portion of the program.

Students must be admitted to the graduate portion of the program before registering for courses in the graduate section of this program of study.

** Students planning on taking the CPA exam must take ACC 546.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Finance Major

Finance majors acquire the knowledge and skills to analyze financial data and use financial concepts to value financial and real assets, and to help individuals and companies make decisions about allocating scarce resources. Students can develop their expertise in a variety of areas including corporate finance, banking, investments and international finance.

The general requirements for the bachelor of business administration degree, the academic major requirements below, and sufficient electives to meet the minimum of 124 hours must be completed for graduation.

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.accfm.emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program .

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs

- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- * FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- * MGMT 386 - Organizational Behavior and Theory 3 hrs
- * MGMT 490 - Business Policy 3 hrs
- * MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Discipline: 24 hours

Required Courses: 12 hours

- FIN 354 - Investments 3 hrs
- FIN 357 - Financial Markets and Institutions 3 hrs
- FIN 359 - Intermediate Financial Theory 3 hrs
- FIN 450W - Problems in Financial Management (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 12 hours

Twelve hours from the following:

- ACC 358 - Analysis of Financial Statements 3 hrs
- ECON 445 - Economic Fluctuations and Forecasting 3 hrs
- FIN 352 - Financial Management for Entrepreneurs 3 hrs
- FIN 370 - International Business Finance 3 hrs
- FIN 451 - Introduction to Speculative Markets 3 hrs
- FIN 453 - Commercial Banking 3 hrs
- FIN 454 - Mortgage Banking 3 hrs
- FIN 479 - Special Topics 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level core courses listed above must be completed prior to admission to the College of Business.

* *FIN 350, MGMT 386 and MKTG 360 must be completed before enrollment in MGMT 490 - Business Policy.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Accounting Minor - (For nonbusiness majors)

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.acffin.emich.edu

Required Courses: 18 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs

Restricted Elective Course: 3 hours

One course from the following:

- ACC 344 - Principles of Taxation 3 hrs
- ACC 442 - Advanced Cost Accounting 3 hrs
- ACC 450 - Internal Auditing 3 hrs
- ACC 475 - International Accounting 3 hrs
- ACC 479 - Special Topics 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Finance Minor - (For nonbusiness majors)

Accounting and Finance Department Information:

Interim Department Head: Zafar Khan
Department Contact: zkhan@emich.edu
Website: www.accfm.emich.edu

Required Course: 21 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- FIN 359 - Intermediate Financial Theory 3 hrs

Three courses from the following:

- ACC 358 - Analysis of Financial Statements 3 hrs
- FIN 354 - Investments 3 hrs
- FIN 370 - International Business Finance 3 hrs
- FIN 450W - Problems in Financial Management (Gen Ed Area I, W) 3 hrs
- FIN 451 - Introduction to Speculative Markets 3 hrs
- FIN 453 - Commercial Banking 3 hrs
- FIN 479 - Special Topics 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of Junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Accounting

ACC 130 - Accounting for Nonbusiness Majors

Introduction to financial information generated by typical business organizations, with special emphasis on the use and interpretation of this information in managerial and financial decision-making processes

Credit Hours: 3 hrs

Notes: May not be substituted for ACC240. Not open to students with credit for ACC240 or ACC241.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 230

Last Updated: Links 06/2012; 2/17/2011

ACC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 240 - Principles of Financial Accounting

Use and development of financial information about economic organizations, with special emphasis on the use of financial statements and their creation in the business decision-making and reporting process.

Credit Hours: 3 hrs

Prerequisite: (Level 3 Math Placement) or (an Elementary Algebra placement test score of at least 83 points) or (a grade of C or better in MATH 098 or MATH 098B) or one of the following: MATH 104, MATH 105, MATH 107, MATH 110, MATH 112, MATH 119, MATH 120, or MATH 170

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; Prerequisite Change 03/2012, effective Fall 2012

ACC 241 - Principles of Managerial Accounting

Use and development of accounting information in managerial settings to achieve managerial goals. Use of managerial accounting tools such as budgets and cost analysis in typical business environments.

Credit Hours: 3 hrs

Prerequisite: (Level 3 Math Placement) or (an Elementary Algebra placement test score of at least 83 points) or (a grade of C or better in MATH 098 or MATH 098B) or one of the following: MATH 104, MATH 105, MATH 107, MATH 110, MATH 112, MATH 119, MATH 120, or MATH 170

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; Prerequisite Change 03/2012, effective Fall 2012

ACC 244 - Personal Tax Accounting

Introduction to federal and state income and social security tax problems of individuals. Practice on preparation of individual tax returns.

Credit Hours: 2 hrs

Notes: Credit toward a degree will not be permitted for both ACC244 and ACC344. (Business education majors may substitute this course for ACC344 with permission of their department head.)

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 246 - Accounting for Public Administrators

Surveys the use of accounting to manage a public organization. Basic accounting principles, program budgeting and the construction of internal control systems.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

ACC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

ACC 286 - Cooperative Education in Accounting

Accounting employment at a business or public organization imparting a practical experience in accounting. Position may be part-time, volunteer, or less than full-semester in duration.

Credit Hours: 1 hr
Prerequisite: department permission; admittance by application only
Major Restrictions: Cannot be used on an Accounting Major or Minor
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

ACC 287 - Cooperative Education in Accounting

One term of full-time or two terms of part-time employment at a business or public organization chosen for imparting practical experience in accounting.

Credit Hours: 3 hrs
Prerequisite: department permission; admittance by application only
Major Restrictions: Cannot be used on an Accounting Major or Minor
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

ACC 296 - The Accounting Cycle and Profession

This course covers the accounting cycle process in manual and computerized environments. The course also explores various accounting occupations and other fundamental concepts, such as the time value of money.

Credit Hours: 3 hrs
Prerequisite: ACC 240
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012; 2/17/2011

ACC 340 - Intermediate Accounting

Examination of generally accepted accounting principles related to financial reporting of the assets, liabilities, equity and operating statement accounts of an organization. Concepts and theories that guide the recording, valuation and classification of transactions in an organization. Preparation and analysis of the balance sheet, income statement and statement of cash flows for

an entity.

Credit Hours: 3 hrs

Prerequisite: ACC 296, or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 342 - Managerial Cost Accounting

Accounting information for use in planning objectives and controlling operations. A framework for measuring managerial performance is developed through an analytic treatment of cost behavior under dynamic conditions by employing such devices as cost-volume-profit relationships, flexible budgeting and standards.

Credit Hours: 3 hrs

Prerequisite: (ACC 240 and ACC 241) or ACC 501

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 344 - Principles of Taxation

This course is an introductory level study of taxation of individuals, corporations and some other entities. It develops a basic knowledge of tax rules useful and necessary in business management. The course also provides a foundation for the study of tax planning, research and compliance.

Credit Hours: 3 hrs

Prerequisite: (ACC 240 and ACC 241) or ACC 501

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 356 - Accounting Information Systems

Concepts of a responsive information system, including principles of design, profitability and responsibility, accounting and control. Description of typical accounting systems and procedures within the business enterprise.

Credit Hours: 3 hrs

Prerequisite: (ACC 240 and ACC 241) or ACC 501 or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 358 - Analysis of Financial Statements

Analysis and interpretation of the financial statements and reports of various types of businesses and industries. Examination of the impact of using alternative accounting methods on reported profits, taxes and cash flows. Forecast of financial statements for planning purposes.

Credit Hours: 3 hrs

Prerequisite: FIN 350

Terms Offered: Course Rotation Schedules

Previously Listed As: FIN 358

Last Updated: Links 06/2012; 2/17/2011

ACC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 442 - Advanced Cost Accounting

Cost concepts on an advanced level such as standard costs-and-variance analysis; responsibility accounting, direct costing, overhead allocation, break-even; product pricing through return-on-investment methods; divisional income measurement; forecasting with statistical models; capital budgeting; and applications of mathematics to cost accounting problems.

Credit Hours: 3 hrs

Prerequisite: ACC 342

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 450 - Internal Auditing

Introduction to the profession of internal auditing. Includes professional standards, techniques, scientific methods, reporting, operational auditing and internal audit management.

Credit Hours: 3 hrs

Prerequisite: (ACC 240 and ACC 241) or ACC 501

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 456 - Accounting Information Systems Implementation and Projects

A capstone course for the accounting information systems major designed to develop expertise in the implementation of an accounting information system.

Credit Hours: 3 hrs

Prerequisite: (ACC 356 and IS 380) or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 460 - Principles of Fraud Examination

This course examines the principles of fraud examination and deterrence, including the fraud triangle and characteristics of fraud perpetrators and organizations that are more likely to have frauds perpetrated against them. Students will be prepared for certain sections of the Certified Fraud Examiners (CFE) and Certified Internal Auditor (CIA) and CPA professional exams.

Credit Hours: 3 hrs

Prerequisite: (ACC 240 and ACC 241) or department permission

Notes: Not open for students with credit in ACC560 Fraud Examination.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 475 - International Accounting

Introduction to accounting in an international environment. Includes the study of environmental factors, performance evaluation, financial reporting and specific accounting and auditing problems.

Credit Hours: 3 hrs

Prerequisite: ACC 340 or instructor permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; Prerequisite Change 04/2011, effective Spring 2011

ACC 477 - Special Topics

Specialized accounting topics in relation to changes in the practice of accounting and its regulation by government agencies.

Credit Hours: 1 hr

Prerequisite: ACC 340/ACC 356 and department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 478 - Special Topics

Specialized accounting topics in relation to changes in the practice of accounting and its regulation by government agencies.

Credit Hours: 2 hrs

Prerequisite: ACC 340/ACC 356 and department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 479 - Special Topics

Specialized accounting topics in relation to changes in the practice of accounting and its regulation by government agencies.

Credit Hours: 3 hrs

Prerequisite: ACC 340/ACC 356 and department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 489 - Accounting Internship

Directed full-time work experience in the accounting phase of a business organization.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Use on an accounting major or minor is not permitted. To be used as an elective only; does not apply on a major or minor; offered on a credit/no-credit basis.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 491 - Accounting Honors Thesis

A directed studies course for accounting honors students only. An in-depth research thesis or project under the direction of an accounting faculty member is required with an oral examination or form of presentation to the faculty and other interested parties upon completion of the thesis.

Credit Hours: 3 hrs

Prerequisite: final semester in undergraduate accounting honors program

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 496W - Financial Management and Controllership (Gen Ed Area I, W)

This course is a capstone experience for the accounting major who wants to manage the information needs of an organization from the perspective of the controller, chief financial officer, or financial manager. Topics include: accountability for performance; budgeting and costs; managing cash and the treasury function; and enterprise and information systems.

Credit Hours: 3 hrs

Prerequisite: ACC 296, ACC 340, ACC 342, ACC 356, and (ACC 344 or ACC 544)

Class Restrictions: senior standing

Major Restrictions: Open to accounting-BBA majors only

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 496

Last Updated: Links 06/2012; Prerequisite Change 07/2011, effective Fall 2011

ACC 497 - Directed Studies

Directed study of a problem or group of problems in accounting not otherwise treated in departmental courses.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 498 - Directed Studies

Directed study of a problem or group of problems in accounting not otherwise treated in departmental courses.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 499 - Directed Studies

Directed study of a problem or group of problems in accounting not otherwise treated in departmental courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 501 - Accounting Principles

Emphasizes analysis of the required financial statements for financial reporting purposes, including discussions of alternative accounting principles generally acceptable in their preparation. Significant emphasis also placed on the impact that business transactions have on a company's financial position. Additional topics include profit-planning techniques, such as cost-volume-profit analysis and budgeting.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 2/17/2011

ACC 510 - Contemporary Accounting Information Systems

Provides the fundamentals of re-engineering and using and analyzing enterprise systems to produce efficient and effective management information and appropriate analysis and interpretation for strategic management decision-making, with emphasis on accounting applications.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 610

Last Updated: Links 07/2011

ACC 511 - Accounting for E-Commerce

This course explores the e-commerce environment including valuing stock of e-commerce firms, understanding the role of accountants in assessing risk and providing assurance over the authentication of e-commerce transactions, as well as tax and privacy issues.

Credit Hours: 3 hrs

Prerequisite: ACC 501

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 611

Last Updated: Links 06/2012; 2/17/2011

ACC 540 - Corporate Financial Reporting

An examination of the generally accepted accounting principles used in corporate financial reporting with particular emphasis on advanced topics such as equity, long-term assets and liabilities, revenue recognition, prior period adjustments and cash flows. Also included is the role of the SEC in financial reporting of publicly traded companies.

Credit Hours: 3 hrs

Prerequisite: ACC 340

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 541 - Advanced Financial Accounting

Specialized topics in accounting with major emphasis on conceptual aspects and reporting of consolidated financial statements, international accounting challenges and foreign currency reporting issues.

Credit Hours: 3 hrs

Prerequisite: ACC 340, ACC 540 or equivalent and department permission

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 544 - Federal Income Taxation

This course is an introductory study of the tax rules governing individuals. It provides a basic knowledge of the tax formula, property transactions and business and personal deductions that facilitates optimum decision-making in both personal and business contexts. This course also provides a foundation for the study of tax planning, research and compliance.

Credit Hours: 3 hrs

Prerequisite: ACC 240 and ACC 241; or ACC 501

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 546 - Public and Nonprofit Sector Accounting

Accounting issues in governmental and nonprofit entities, including financial reporting, managerial accounting, information systems, auditing and regulatory and taxation issues. Also included is the SEC's role in financial reporting.

Credit Hours: 3 hrs

Prerequisite: ACC 340 or equivalent or department permission

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 540

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 548 - Information Systems Audit and Control

This course covers the processing of audit in a computerized accounting information systems environment, and the evaluation of controls and risks in determining audit decisions.

Credit Hours: 3 hrs

Prerequisite: ACC 356 or ACC 605

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 548

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 550 - Professional Internal Auditing

This course examines the principles of internal auditing as an independent objective assurance and consulting activity designed to add value and improve an organization's operations. Topics include enterprise risk management; internal control frameworks, such as COSO and COBIT; governance; preliminary surveys; audit programs; audit ports; and operational audits.

Credit Hours: 3 hrs

Prerequisite: ACC 240 and ACC 241; or ACC 501; or department permission

Not open to students with credit in ACC 450.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; Created 11/2011

ACC 560 - Fraud Examination

This course initially provides a basis in internal audit principles, and then concentrates on the study of fraud examination. Specifics of the course focus on the theories of fraud, the "fraud tree," fraud awareness, fraud schemes especially those related to financial frauds and fraud deterrence practices. ACC 560 is appropriate for students who have already taken ACC 450 Internal Auditing or as a separate course for those who have not taken ACC 450.

Credit Hours: 3 hrs

Prerequisite: ACC 501 or department permission

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 650

Last Updated: Links 06/2012

ACC 567 - Professional Auditing

A study of auditing concepts, objectives and procedures, and of the literature as it relates to current audit problems.

Credit Hours: 3 hrs

Prerequisite: ACC 340 and ACC 356

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 667

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 572 - Investment and Tax Financial Planning

This course focuses on the study of tax rules related to financial decisions, including investment, compensation, and business planning. The impact of these rules on employers and employees is studied as well as certain strategies affecting financial planning in both a personal and business context.

Credit Hours: 3 hrs

Prerequisite: ACC 344 or ACC 544

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 672

Last Updated: Course Number/Description/Prerequisite Change 11/2011, effective Winter 2012

ACC 584 - Tax Research Methods, Practice and Problems

Introduction of tax research methods including identification of tax issues, efficient use of tax resources and effective communication of the research process.

Credit Hours: 3 hrs

Prerequisite: ACC 501 or (ACC 240 and ACC 241)

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 644

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 585 - Business Tax Planning

Conceptual coverage of the tax system, taxable and tax-reporting business entities, and principles of taxation for the purpose of identifying the tax planning opportunities in business decisions.

Credit Hours: 3 hrs

Prerequisite: ACC 501 or (ACC 240 and ACC 241)

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ACC 685

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 592 - Special Topics

An experimental course for subject matter not provided in other departmental offerings. The content will change from semester to semester. Students may elect this course several times, provided different topics are studied. Not more than six hours of special topics may be used on a degree program.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 642 - Strategic Cost Management

The role of cost management in strategic quality management. Cost accounting systems for continuous improvement; conceptual design, accounting models, performance measurement and investment performance. Topics also include advanced managerial accounting issues, such as activity based costing, profit and investment centers, project planning and control.

Credit Hours: 3 hrs

Prerequisite: DS 501 or an undergraduate statistics course; and ACC 605

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 675 - International Accounting and Taxation

Introduction to accounting in an international environment. Includes the study of environmental factors, performance evaluation, financial reporting, international taxation and specific accounting and auditing problems.

Credit Hours: 3 hrs

Prerequisite: ACC 501

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 681 - Special Topics

An experimental course for subject matter not provided in other departmental offerings. The content will change from semester to semester. Students may elect this course several times, provided different topics are studied. Not more than six hours of special topics may be used on a degree program.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

ACC 696 - Accounting Theory, Research and Policy

A capstone course emphasizing and developing an understanding of the many interrelated applications of accounting in organizations and in the broader setting of financial markets.

Credit Hours: 3 hrs

Prerequisite: ACC 540 and department permission

Major Restrictions: Master of Science in Accounting students; and students admitted to the graduate side of the 150-hour BBA-Accounting/MSA and 150-hour BBA-AIS/MSA programs only.

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012; 12/2007, effective Spring 2008

ACC 699 - Independent Study

Directed study or problems in accounting not otherwise treated in department courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

Decision Science

DS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 265 - Business Statistics I

Concepts of statistics and applications to business decisions. Elements of probability, random samples, descriptive statistics, sampling distributions, point and interval estimation, hypothesis testing, chi-square analysis and regression and correlation analysis.

Credit Hours: 3 hrs

Prerequisite: (Level 3 Math Placement) or (An Elementary Algebra placement test score of at least 83 points) or (a grade of C or better in MATH 098 or MATH 098B)

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

DS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 317 - System Simulation

Computer-based simulation techniques for business analysis and decision making. Random number and process generators, system simulation models and specialized computer simulation languages. Simulation of discrete time systems and the GPSS language.

Credit Hours: 3 hrs
Prerequisite: IS 215 and DS 265
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

DS 367 - Business Statistics II

A continuation of the statistical methodology developed in Business Statistics I. Topics include two-sample interval estimation and hypothesis tests, inference about the population variance and simple and multiple regressions.

Credit Hours: 3 hrs
Prerequisite: DS 265
Terms Offered: Course Rotation Schedules
Previously Listed As: ORI 367
Last Updated: Links 04/2011

DS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

DS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

DS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

DS 387 - Cooperative Education in Decision Science

Four months of full-time employment at a business or public organization to impart practical experience in decision science disciplines.

Credit Hours: 3 hrs

Prerequisite: completion of three hours in decision science systems area and department permission

Notes: Admittance by application only. Offered on a credit/no-credit basis for general elective credit only

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 465 - Applied Linear Statistical Models

An introduction to linear models with an emphasis on business applications. Topics include multiple linear regression models, analysis of variance and multivariate data analysis. Computer packages will be used.

Credit Hours: 3 hrs

Prerequisite: DS 265

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 465

Last Updated: Links 04/2011

DS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

DS 487 - Cooperative Education in Decision Science

Four months of full-time employment at a business or public organization to impart practical experience in decision science disciplines.

Credit Hours: 3 hrs
Prerequisite: DS 387; department permission
Notes: Admittance by application only.
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

DS 497 - Independent Study

Directed study of a problem or group of problems in decision science.

Credit Hours: 1 hr
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

DS 498 - Independent Study

Directed study of a problem or group of problems in decision science.

Credit Hours: 2 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

DS 501 - Introductory Probability and Statistics for Business

The development of fundamental probability concepts and statistical techniques emphasizing their applications to business decision making. Includes the study of probability distributions, sampling, point and interval estimation, and hypothesis testing.

Credit Hours: 3 hrs
Prerequisite: Level 3 Math Placement; or an Elementary Algebra placement test score of at least 83 points; or a grade of C or better in MATH 098 or MATH 098B; or higher-level math course.
Terms Offered: Course Rotation Schedules
Previously Listed As: ORI 501
Last Updated: Links 04/2011

Finance

FIN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

FIN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 277 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 278 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 279 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 287 - Cooperative Education in Finance

Four months of full-time employment at a business or public organization in a finance position chosen for imparting practical experience in finance.

Credit Hours: 3 hrs

Prerequisite: ACC 240 and department permission

Notes: Use on a finance major or minor not permitted. Offered on a credit/no-credit basis Admittance by application only

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 350 - Principles of Finance

A survey course covering the financial operations of business corporations. It begins with a general overview, then goes into detail on several concepts and techniques used in financial decision making. Specific topics emphasized include the time value of money, asset valuation models, risk management and financial statement analysis. The course is designed for the general business student.

Credit Hours: 3 hrs

Prerequisite: ACC 240

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 352 - Financial Management for Entrepreneurs

A continuation of FIN 350, but with an emphasis on financial management for growth of the small- to medium-sized firm. Working capital management, short-term financing, equipment financing and other topics pertinent to the growth firm.

Credit Hours: 3 hrs

Prerequisite: FIN 350 or equivalent

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 354 - Investments

The purpose of the course is to introduce students to fundamentals of investment analysis. The course attempts to highlight the alternative investments available and develop a way of thinking about investments. The course is a mixture of description and theory. The descriptive material involves a discussion of available investment instruments and considers the way the capital market currently works. The theoretical portion takes into consideration ways you should evaluate current investments and future opportunities.

Credit Hours: 3 hrs

Prerequisite: FIN 350

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 357 - Financial Markets and Institutions

The operation and behavior of capital markets and financial intermediaries as sources of investment capital to the business firm. Liability management and investment portfolio behavior of financial market participants. Flow of funds through money and capital markets, and investment characteristics of securities traded. Term structure of yields, yield differentials and the valuation of debt and equity securities.

Credit Hours: 3 hrs

Prerequisite: FIN 350

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 359 - Intermediate Financial Theory

Students learn the theory behind a firm's financial management decisions. The focus is on how a firm creates value through its investment decisions. Topics include the valuation of investment decisions, cost of capital, risk and capital budgeting, real options and mergers and acquisitions.

Credit Hours: 3 hrs

Prerequisite: a grade of C or better in FIN 350

Corequisites: FIN 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 360 - Theory of Financial Decisions

Students learn the theory behind a firm's financial management decisions. The focus is on how a firm raises capital and whether financial decisions create value. Topics include short-term financing, capital structure, capital acquisition, dividend policy, leasing, the interaction between the firm's financial and investment decisions, and financial distress and bankruptcy.

Credit Hours: 3 hrs

Prerequisite: FIN 350

Corequisites: FIN 359

Major Restrictions: Restricted to Finance Majors only

Terms Offered: Course Rotation Schedules

Last Updated: Links 08/2011

FIN 370 - International Business Finance

This course deals with how decisions about financial management are made in modern multinational enterprises. Financial management of any firm involves acquisition of funds, investing of these funds in economically productive assets, the managing of assets so acquired and eventual reconversion of some of the productive assets into funds to return to the original investors, creditors, suppliers, employees and other interest groups. International Business Finance deals with the management of these functions for firms operating in several countries.

Credit Hours: 3 hrs

Prerequisite: FIN 350 or equivalent

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 377 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 378 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 379 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 387 - Cooperative Education in Finance

Four months of full-time employment at a business or public organization in a finance position chosen for imparting practical experience in finance.

Credit Hours: 3 hrs

Prerequisite: FIN 287 and department permission

Notes: Use on a finance major or minor not permitted. Admittance by application only.

Terms Offered: Course Rotation Schedules

Previously Listed As: FIN 487

Last Updated: Links 04/2011

FIN 450W - Problems in Financial Management (Gen Ed Area I, W)

Deals with application of financial management theory. Emphasis is placed on problem solving in differing economic and situational environments using various quantitative tools. Case analysis and class discussions are emphasized.

Credit Hours: 3 hrs

Prerequisite: FIN 359

Terms Offered: Course Rotation Schedules

Previously Listed As: FIN 450

Last Updated: Links 04/2011

FIN 451 - Introduction to Speculative Markets

This course is designed to provide a solid foundation in the principles of derivatives. It attempts to strike a balance between institutional details, theoretical foundations and practical applications. Options and futures will be the primary focus.

Credit Hours: 3 hrs

Prerequisite: FIN 350

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 453 - Commercial Banking

Practices, policies, and problems of commercial bank management and operation, capital adequacy, loan and investment policy, liquidity and profit maximization.

Credit Hours: 3 hrs

Prerequisite: FIN 350

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 454 - Mortgage Banking

The purpose of this course is to communicate and explain the fundamentals of mortgage lending in as simple and concise a manner as possible. A good portion of the course deals with real estate appraisal.

Credit Hours: 3 hrs

Prerequisite: FIN 350 or equivalent

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 477 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 478 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 479 - Special Topics

These courses deal with subject matter not provided in other department offerings. Students may elect such a course several times, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 487 - Cooperative Education in Finance

Four months of full-time employment at a business or public organization in a finance position chosen for imparting practical experience in finance.

Credit Hours: 3 hrs

Prerequisite: FIN 387 and department permission

Notes: Use on a finance major or minor not permitted. Admittance by application only. Offered on a credit/no-credit basis

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

FIN 489 - Internship

Directed full-time work experience in the finance phase of a business or public organization. Use on a finance major or minor not permitted. May be repeated once for additional credit.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Admittance by application only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 497 - Independent Study

Directed study of a problem or group of problems in finance.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 498 - Independent Study

Directed study of a problem or group of problems in finance.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 499 - Independent Study

Directed study of a problem or group of problems in finance.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

FIN 502 - Financial Principles

Provides beginning graduate students a solid foundation in the general principles of finance. Provides an appreciation of how businesses and households allocate scarce resources over time and when outcomes are uncertain. The primary focus is corporate finance; the course will also introduce financial markets and institutions, and investments.

Credit Hours: 3 hrs

Prerequisite: ACC 501; ECON 500 is recommended

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

Computer Information Systems Programs and Courses

Computer Information Systems

Major

Computer Information Systems Major

The CIS program provides a learning environment where the students design, develop and deploy a wide range of integrated, end-to-end business applications and services in order to enable small, medium and large organizations to become more connected with customers, employees, partners and suppliers. Students learn about interoperability and explore road maps with products and technologies such as instant messaging, live communications, workflows and portals. Students also learn how to integrate the organizations' applications and processes, how to perform business-to-business communications and how to develop comprehensive and reliable e-business solutions.

Computer Information Systems Department Information:

Interim Department Head: Hung-Lian Tang

Department Contact: htang@emich.edu

Website: www.cis.emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 66 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- * MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Discipline: 30 hours

- IS 247 - Introduction to Web Application Development 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 380 - Introduction to Databases 3 hrs
- IS 413 - IT Infrastructure and Network Security 3 hrs
- IS 417 - Systems Analysis and Design 3 hrs
- IS 421 - Enterprise Database Application 3 hrs
- IS 425 - IS Project and Risk Management 3 hrs
- IS 449W - Information Systems Integration (Gen Ed Area I, W) 3 hrs

One course from the following:

- IS 350 - Enterprise Resource Planning 3 hrs
- IS 410 - Business Intelligence 3 hrs
- IS 416 - System Software Administration 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level core courses listed above must be completed prior to admission to the College of Business.

* All 300-level core courses listed above must be completed before enrollment in MGMT 490 - Business Policy.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Business Information Technology Governance Minor

Computer Information Systems Department Information:

Interim Department Head: Hung-Lian Tang

Department Contact: htang@emich.edu

Website: www.cis.emich.edu

Required Courses: 15 hours

- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 350 - Enterprise Resource Planning 3 hrs
- IS 413 - IT Infrastructure and Network Security 3 hrs
- IS 425 - IS Project and Risk Management 3 hrs
- IS 427 - Business Process and Identity Management 3 hrs

Two courses from the following: 6 hours

- IS 247 - Introduction to Web Application Development 3 hrs
- IS 380 - Introduction to Databases 3 hrs
- IS 416 - System Software Administration 3 hrs
- IS 437 - Introduction to Business Information Technology Audit 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of Junior status (completion of 56 credit hours) to enroll in 300/400.

Computer Information Systems Minor

(For nonbusiness majors)

The Department of Computer Information Systems has established articulation agreements with Macomb, Monroe and Washtenaw Community College. For more information, please contact the department head or the Office of Community College Relations at 229 Rackham Hall, 487.6577.

To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Computer Information Systems Department Information:

Interim Department Head: Hung-Lian Tang

Department Contact: htang@emich.edu

Website: www.cis.emich.edu

Required Courses: 21 hours

- IS 247 - Introduction to Web Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 380 - Introduction to Databases 3 hrs
- IS 417 - Systems Analysis and Design 3 hrs
- IS 425 - IS Project and Risk Management 3 hrs

Two courses from the following:

- IS 339 - Google Analytics and Landing Page Optimization 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 350 - Enterprise Resource Planning 3 hrs
- IS 410 - Business Intelligence 3 hrs
- IS 413 - IT Infrastructure and Network Security 3 hrs
- IS 416 - System Software Administration 3 hrs
- IS 427 - Business Process and Identity Management 3 hrs
- IS 437 - Introduction to Business Information Technology Audit 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of Junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Information Security

IS 439 - Search Marketing Practicum (NEW COURSE)

Students will manage a Non-Profit's Adwords campaign and analyze account performance using Google Analytics. They will develop an online professional Networking presence using a personal blog, Twitter, LinkedIn and Google+ to gain direct experience using online social networking to gain search visibility. Successful students may qualify for professional certification.

Credit Hours: 3 hrs

Prerequisite: IS 239 and department permission

Class Restrictions: All Undergraduates, Second Bacc

Terms Offered: Course Rotation Schedules

Last Updated: New Course 05/2012, effective Winter 2013

Information Systems

IS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 215 - End-User Computing

Computers are being used more extensively by managers and professionals. This revolution is known by the name "End-User Computing" or EUC. Students learn traditional information systems, and business problem-solving. In addition, a wide-range of applications including decision support systems, executive information systems, Non-clerical Office Automation, Data Communications, and local area networks, are covered. These applications cover all the functional areas of businesses. Course work includes conceptual material as well as laboratory material.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 215

Last Updated: Links 07/2011

IS 219 - File Processing and COBOL Programming

COBOL programming is an important skill for business application developers. In this class, students will learn to program in COBOL while also learning the basic algorithms for producing reports with multiple control breaks and for processing sequential and random files. All students will design, write, debug and test COBOL programs using good design techniques and software engineering principles. Intended for computer information systems majors and others.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 219

Last Updated: Links 07/2011

IS 239 - Google AdWords and Web Page Design

In this course students learn how to manage a significant search engine advertising budget. In particular, the course teaches students the fundamentals of business search visibility and web page design to capitalize on search driven traffic to web sites.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 247 - Introduction to Web Application Development

This course introduces students to the tools and techniques used for building Web-based applications. Students will gain an understanding in the fundamental workings of the Web. Students will be taught how to develop Web applications using client-side tools such as HTML and JavaScript and server-side tools such as ASP.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 247

Last Updated: Links 07/2011

IS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 280 - Introduction to Expert Systems in Business

This course covers concepts of decision support systems and expert systems as they are applied to practical business problems. Students will learn methods of artificial intelligence and decision analysis, and gain practical experience using DSS and AI software tools for designing business solutions.

Credit Hours: 3 hrs

Prerequisite: IS 215

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 280

Last Updated: Links 04/2011

IS 315 - Object-Oriented Application Development

This course provides an introduction to object-oriented programming. The course uses an application driven and step-by-step tutorial approach to teach students the basics of programming. It enables students to create applications and components ranging from services, business objects to system-level applications. The course gives students the foundation in programming principles.

Credit Hours: 3 hrs

Prerequisite: IS 215

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 315, CSC 239, ORI 415

Last Updated: Prerequisite Change 01/2012, effective Winter 2012; Links 04/2011

IS 320 - Business Data Communications and Information Security

This course discusses the technologies and applications of data communications, computer networking, and information security. Topics include communications standards, network operating systems, planning and operation of organizational data communication networks, information security, as well as management and control of servers and wireless systems. This course also discusses information security to ensure confidentiality, integrity, availability and authorized use of the system.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Terms Offered: Course Rotation Schedules

Previously Listed As: IS 420, ORI 420

Last Updated: Links 07/2011

IS 339 - Google Analytics and Landing Page Optimization

This course is the second of two courses in a sequence with the following goal: To help you achieve mastery of the algorithmic business models that dominate the web today, the most important of which are search and search marketing. To that end, this particular course focuses on optimizing landing pages for targeted search engine marketing campaigns using Google AdWords.

Credit Hours: 3 hrs

Prerequisite: (IS 239 or IS 279 or IS 247) or permission of the instructor

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IS 350 - Enterprise Resource Planning

This course facilitates students to understand what an enterprise resource planning (ERP) system is and how the ERP system can be used for an organization. Students will learn how to configure ERP systems. Also, students will learn how to build an ERP system similar to those found in industry.

Credit Hours: 3 hrs

Prerequisite: IS 215

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IS 375 - Advanced Software Design and Programming

Software development methods and tools are constantly changing, and it is imperative that developers keep up with recent trends. This course concentrates on creating real-world programs using the latest tools and techniques. Students will gain practical experience in various aspects of programming, including graphic interfaces, database manipulation, object-oriented techniques and internetworking. In this project-oriented course students will be exposed to modern development environments, and will build on the skills learned in the earlier programming classes.

Credit Hours: 3 hrs

Prerequisite: IS 315

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 375

Last Updated: Links 04/2011

IS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 380 - Introduction to Databases

This course covers basic concepts of database design and implementation, primarily focusing on desktop database applications. This is a hands-on, practical course concentrating on use of desktop DBMS software. Topics covered include: overview of data models, introduction to SQL and QBE, practical applications of database technology.

Credit Hours: 3 hrs

Prerequisite: IS 215

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 380, ORI 419

Last Updated: Links 04/2011

IS 387 - Cooperative Education in Information Systems

Four months of full-time employment at a business or public organization to impart practical experience in computer information systems disciplines.

Credit Hours: 3 hrs

Prerequisite: Completion of three hours in computer information systems area and department permission

Notes: Admittance by application only. Offered on a credit/no-credit basis. For general elective credit only

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 410 - Business Intelligence

Business intelligence is the user-centered iterative process of accessing data (ideally stored in the data warehouse) and analyzing it to derive insights, draw conclusions and communicate finding that support an enterprise's decision-making processes. This course includes topics that discuss technologies and applications for front-end analytical tools, on-report analysis, ad hoc query and reporting, data warehouse, online analytical processing, enterprise portals, data visualization and data mining.

Credit Hours: 3 hrs

Prerequisite: IS 380 or IS 215 and department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 410

Last Updated: Links 04/2011

IS 413 - IT Infrastructure and Network Security

This course examines the network infrastructure security to ensure confidentiality, integrity, availability and authorized use of network. It explores conceptual, and technological aspects of network infrastructure and security. The services and technologies presented in the course include activity directory, web application servers, messaging, and wireless services and technologies. Security issues such as security protocols, cryptographic systems, router, intrusion detection/prevention systems, and firewalls are also discussed.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 413

Last Updated: Links 07/2011

IS 416 - System Software Administration

This course introduces students to the features and capabilities of a multi-user operating system through "hands-on" exercises. Topics include: functions of an operating system, operating system commands, filters, pipes, redirection, file system structure, text editors, file processing, file security, shells, Internet communication and file transfers, shell programming and system administration.

Credit Hours: 3 hrs

Prerequisite: IS 247 and IS 320

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IS 417 - Systems Analysis and Design

This course introduces students to processes, principles, guidelines, tools and techniques for systems analysis and design of information systems. Topics include information systems development life cycle, requirements gathering, methods and techniques for system modeling, user interface design and tools for automation of the system analysis and design. The major thrust of the course is to aid the communication process that must take place between the system developers and users. This is facilitated by the use of projects as a vehicle for effectively communicating the content of this course.

Credit Hours: 3 hrs

Prerequisite: IS 315

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 417

Last Updated: Links 04/2011

IS 421 - Enterprise Database Application

This course covers advanced SQL, normalization, detailed discussion of relational data models, hierarchical models and network models, client server databases (front-end and back-end), distributed DBMS and data warehousing. It involves intensive use of advanced DBMS tools.

Credit Hours: 3 hrs

Prerequisite: IS 247 and IS 380

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 421

Last Updated: Links 04/2011

IS 425 - IS Project and Risk Management

This course introduces concepts and practices in project management, information technology governance and risk assessment. Topics covered range from planning and selection of project, scheduling tasks, allocating resources, monitoring progress and ensuring on-time delivery, within budget, to on-target in meeting the requirements. Topics include risk management, risk assessment, risk reduction, and risk transfer, privacy and ethical issues.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 425

Last Updated: Links 07/2011

IS 426 - Advanced Structured COBOL Programming

Students work in teams developing integrated information systems in structured COBOL. Searches, reporting, subprograms, random files, indexed sequential files, various sorting routines, debugging techniques, programming style, optimization techniques, structured and modular programming concepts, transferability and portability strategies, and documentation, including writing program specifications and users' manuals.

Credit Hours: 3 hrs

Prerequisite: IS 417

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IS 427 - Business Process and Identity Management

The purpose of this course is to discuss enterprise applications control and identity management. In particular, it discusses ABAP, Role Management, Business-Driven Identity Management, Compliance and Auditing, Password Management, Connectivity and Services for a major ERP system (i.e. SAP).

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 437 - Introduction to Business Information Technology Audit

This course introduces the basics of the information technology audit and control function. The concepts and techniques used in information technology audits will be reviewed. Students will learn the process of defining a control structure with goals and objectives, audit an information technology infrastructure against it, and establish a systematic remediation procedure for any inadequacies.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 442 - Information Resource Management

Most organizations use computers for operations, control and planning, and for office automation. While computers facilitate and enhance the functioning of organizations, they also add to the responsibilities of managers. In this course, students learn how to acquire, organize, monitor and control information resources. The course also discusses problems unique to the management of information resources.

Credit Hours: 3 hrs

Prerequisite: Nine credit hours of IS courses from 219 and above

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 442

Last Updated: Links 07/2011

IS 449W - Information Systems Integration (Gen Ed Area I, W)

This is a capstone course. The course introduces concepts, technologies and methodologies currently used for building information systems through selection and integration of available components and applications. Students will also learn how to customize available components and build new components when required. The course covers enterprise application integration (EAI) and business-to-business (B2B) integration.

Credit Hours: 3 hrs

Prerequisite: IS 413, IS 417 and IS 421

Terms Offered: Course Rotation Schedules

Previously Listed As: IS 449, ORI 449

Last Updated: Links 03/2011

IS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IS 487 - Cooperative Education in Information Systems

Four months of full-time employment at a business or public organization to impart a practical experience in computer information systems disciplines.

Credit Hours: 3 hrs
Prerequisite: IS 387 and department permission
Notes: Admittance by application only
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

IS 489 - Internship

Directed full-time work experience in the business computer systems units of a business organization.

Credit Hours: 3 hrs
Prerequisite: major and department permission
Notes: This course may be repeated for a maximum of six hours.
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IS 497 - Independent Study

Directed study of a problem or group of problems in production systems or management science.

Credit Hours: 1 hr
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IS 498 - Independent Study

Directed study of a problem or group of problems in production systems or management science.

Credit Hours: 2 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IS 499 - Independent Study

Directed study of a problem or group of problems in production systems or management science.

Credit Hours: 3 hrs
Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IS 510 - Introduction to Object-Oriented Programming

In this course, you gain a solid foundation in object-oriented and component-based development, positioning you to move seamlessly into the strategic application of these technologies — including tools, languages and methodologies — to meet your business needs.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Previously Listed As: ORI 510

Last Updated: Links 07/2011

Operations Management

OM 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 177

Last Updated: Links 04/2011

OM 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 178

Last Updated: Links 04/2011

OM 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 179

Last Updated: Links 04/2011

OM 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 277

Last Updated: Links 04/2011

OM 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 278

Last Updated: Links 04/2011

OM 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 279

Last Updated: Links 04/2011

OM 374 - Introduction to Operations Management

The major design, processes and control problems of operations management in manufacturing and service organizations. Topics include product or service design; facilities location and layout; productivity, including job design, standards and incentive plans; project management; materials management, including forecasting, purchasing and inventory control; operations control; quality assurance and control.

Credit Hours: 3 hrs

Prerequisite: DS 265

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 374

Last Updated: Links 04/2011

OM 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 377

Last Updated: Links 04/2011

OM 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 378

Last Updated: Links 04/2011

OM 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 379

Last Updated: Links 04/2011

OM 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 477

Last Updated: Links 04/2011

OM 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 478

Last Updated: Links 04/2011

OM 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 479

Last Updated: Links 04/2011

OM 497 - Independent Study

Directed study in areas not provided in other course offerings, or advanced study in areas of special interest to the student.

Credit Hours: 1 hr

Prerequisite: Department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 497

Last Updated: Links 04/2011

OM 498 - Independent Study

Directed study in areas not provided in other course offerings, or advanced study in areas of special interest to the student.

Credit Hours: 2 hrs

Prerequisite: Department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 498

Last Updated: Links 04/2011

OM 499 - Independent Study

Directed study in areas not provided in other course offerings, or advanced study in areas of special interest to the student.

Credit Hours: 3 hrs

Prerequisite: Department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: POM 499

Last Updated: Links 04/2011

Management Programs and Courses

Management

Major

Entrepreneurship Major

The general requirements for the bachelor of business administration degree, the academic major requirements below and sufficient electives to meet the minimum of 124 hours for graduation must be completed.

Management Department Information:

Department Head: Fraya Wagner-Marsh
Department Contact: fwagnerm@emich.edu
Website: <http://www.mgt.emich.edu/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs

- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- ** MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- ** OM 374 - Introduction to Operations Management 3 hrs

Discipline: 24 hours

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (Gen Ed Area V LBC) 3 hrs

One course from the following:

- MKTG 363 - Retailing 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 473 - Marketing and Product Innovation 3 hrs
- MKTG 479 - Special Topics 3 hrs

Two courses from the following:

- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 344 - Principles of Taxation 3 hrs
- FIN 352 - Financial Management for Entrepreneurs 3 hrs
- MGMT 460 - Management Skills 3 hrs
- * MKTG 363 - Retailing 3 hrs
- * MKTG 374 - Business to Business Marketing 3 hrs
- * MKTG 430 - Marketing of Services 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level Core Courses listed above must be completed prior to admission to the College of Business.

** Students may select one of these courses if not previously taken to meet marketing requirement*

*** All 300-level Core Courses listed above must be completed before enrollment in MGMT 490 - Business Policy. OM 374 can be taken concurrently with MGMT 490.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

General Business Major

The major in general business has been designed for students seeking a broad business background rather than specialization in any one functional area of business. The program for the general business major includes a minimum of 124 hours for graduation as stipulated in the catalog.

Management Department Information:

Department Head: Fraya Wagner-Marsh
Department Contact: fwagnerm@emich.edu
Website: <http://www.mgt.emich.edu/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- ** OM 374 - Introduction to Operations Management 3 hrs
- ** MGMT 490 - Business Policy 3 hrs

Discipline: 24 hours

- MGMT 384 - Human Resource Management 3 hrs
 - MGMT 388 - Introduction to Entrepreneurship 3 hrs
 - MGMT 460 - Management Skills 3 hrs
 - * MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- Students must also complete twelve hours of restricted electives selected from at least two different functional areas (ACC, FIN, IS, MGMT, MKTG, LAW, SCM, IB, OM) in the College of Business. (12 hours)

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

** Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level core courses listed above must be completed prior to admission to the College of Business.*

*** All 300-level core courses listed above must be completed before enrollment in MGMT 490 - Business Policy. OM 374 can be take concurrently with MGMT 490.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Management Major with Concentrations

The major in management prepares students for a variety of roles in the business world. These roles can include line and staff supervisory positions and human resource assignments. The general requirements for the bachelor of business administration degree include a minimum of 124 hours for graduation as stipulated in the catalog.

Management Department Information:

Department Head: Fraya Wagner-Marsh
Department Contact: fwagnerm@emich.edu
Website: <http://www.mgt.emich.edu/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

- MGMT 386 - Organizational Behavior and Theory 3 hrs
- ** MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- ** OM 374 - Introduction to Operations Management 3 hrs

Management Required Courses: 12 hours

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 460 - Management Skills 3 hrs
- * MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- MGMT 486 - Organizational Change and Team Building 3 hrs

Choose Concentration:

Choose one of the two concentrations below:

Human Resource Management Concentration: 12 hours

Four courses from the following:

- MGMT 482 - Compensation Administration 3 hrs
- MGMT 483 - Staffing Organizations 3 hrs
- MGMT 484 - Management-Union Relations 3 hrs
- MGMT 485 - Human Resource Development 3 hrs
- MGMT 496 - Current Issues in Human Resource Management 3 hrs

Management Concentration: 12 hours

Four courses from the following:

- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 403 - Managerial Communication: Theory and Application 3 hrs
- MGMT 450 - Leadership Theories and Practice 3 hrs
- MGMT 479 - Special Topics 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 482 - Compensation Administration 3 hrs
- MGMT 483 - Staffing Organizations 3 hrs
- MGMT 484 - Management-Union Relations 3 hrs
- MGMT 485 - Human Resource Development 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (Gen Ed Area V LBC) 3 hrs
- MGMT 492 - Managing World Business Communication 3 hrs
- MGMT 495 - International Management 3 hrs
- MGMT 496 - Current Issues in Human Resource Management 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** All 200-level core courses listed above must be completed prior to admission to the College of Business.*

*** All 300-level core courses listed above must be completed before enrollment in MGMT 490 - Business Policy. OM 374 can be taken concurrently with MGMT 490.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Entrepreneurship Minor

Management Department Information:

Department Head: Fraya Wagner-Marsh

Department Contact: fwagnerm@emich.edu

Website: <http://www.mgt.emich.edu/>

Required Courses: 12 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

Restricted Elective Courses: 9 hours

Select three of the following:

- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- FIN 352 - Financial Management for Entrepreneurs 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (Gen Ed Area V LBC) 3 hrs
- MKTG 363 - Retailing 3 hrs

- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 473 - Marketing and Product Innovation 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of Junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

General Business Minor - (For nonbusiness majors)

Management Department Information:

Department Head: Fraya Wagner-Marsh
 Department Contact: fwagnerm@emich.edu
 Website: <http://www.mgt.emich.edu/>

Required Course: 12 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

One course from the following:

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs

Elective Courses: 9 hours

Any three courses offered by the COB that were not taken as a required course.

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above. Students who plan to pursue the MBA degree at EMU are recommended to enroll in ACC 241 - Principles of Managerial Accounting, FIN 350 - Principles of Finance or OM 374 - Introduction to Operations Management (if prerequisite DS 265 or ECON 310 is met) to fulfill foundation courses for the MBA program.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of Junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Management Minor - (For nonbusiness majors)

Management Department Information:

Department Head: Fraya Wagner-Marsh
 Department Contact: fwagnerm@emich.edu
 Website: <http://www.mgt.emich.edu/>

Required Courses: 6 hours

- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs

Elective Courses: 15 hours

Five courses from the following:

- At least three MGMT courses not listed as a required course (9-15 hrs)
- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- IS 215 - End-User Computing 3 hrs
- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of Junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Management

MGMT 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 202 - Business Communication

Study of principles, elements and practices underlying effective business communication. The course focuses on approaches for planning, creating and transmitting business information within a variety of business situations found in the global marketplace.

Credit Hours: 3 hrs

Prerequisite: ENGL 121 and CTAC 124 corequisite

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 381 - Cooperative Education in Management

Use on a management major or minor not permitted.

Credit Hours: 1 hr

Prerequisite: MGMT 202, department permission

Notes: Admittance by application only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 382 - Cooperative Education in Management

Use on a management major or minor not permitted.

Credit Hours: 2 hrs

Prerequisite: MGMT 202, department permission

Notes: Admittance by application only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 384 - Human Resource Management

Industrial relations functions in business organization. Recruitment, selection, placement, training, motivation and appraisal of personnel; the scientific approach to the solution of practical problems of industrial manpower utilization.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 384

Last Updated: Links 07/2011

MGMT 386 - Organizational Behavior and Theory

A survey of the theory and practice of Organizational Behavior to better understand and manage people at work through an interdisciplinary examination of individual, group and organizational issues. Critical topics are ethics, groups and teams, motivation, leadership, feedback, culture, diversity, organizational design and change.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 386

Last Updated: Links 07/2011

MGMT 387 - Cooperative Education in Management

Four months of full-time employment at a business or public organization in a management position chosen for imparting practical experience in management.

Credit Hours: 3 hrs

Prerequisite: MGMT 202 and department permission

Major Restrictions: Use on a Management Major or Minor is not permitted

Notes: Offered on a credit/no-credit basis. Admittance by application only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 388 - Introduction to Entrepreneurship

This course emphasizes the role of the entrepreneur in making integrated managerial and growth decisions for a start-up enterprise. The focus will be on developing a business plan for a new venture.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 388

Last Updated: Links 07/2011

MGMT 402 - Business Report Writing

Study of principles and practices of business report writing in business, industry, education and government. Concepts, their illustrations, and applications. The creative and functional aspects in understanding the problem, gathering and organizing data, and presenting reports for management, employees and the public.

Credit Hours: 3 hrs

Prerequisite: MGMT 202

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 403 - Managerial Communication: Theory and Application

A theoretical framework of key managerial communication concepts; skills used to diagnose communication problems and to communicate corporate policies.

Credit Hours: 3 hrs

Prerequisite: MGMT 202 or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 450 - Leadership Theories and Practice

Leadership theories and practice will provide students with knowledge of the theories of leadership as well as practice in leadership and management. Several diagnostic techniques will be used to help students understand their own leadership strengths and areas to be developed.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 457 - The Merlanti Corporate Ethics Seminar

The Merlanti seminar seeks to provide future business leaders (in part through case studies and mentoring from practitioners) with the advanced knowledge and business skills needed to identify, analyze and resolve pressing contemporary issues in corporate social responsibility and ethics.

Credit Hours: 3 hrs

Prerequisite: department permission is required

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 460 - Management Skills

This course will provide students with extensive practice in critical management skills such as group facilitation, project management, supervising employees and individual career management. Multiple participative techniques will be used such as case study, exercises, group projects and student presentations.

Credit Hours: 3 hrs

Prerequisite: MGMT 384 and MGMT 386

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 360, MGT 281

Last Updated: Links 04/2011

MGMT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W)

Social, legal and moral pressures of external and community groups on business operations; management's role of responsibility and leadership in interacting with these forces, and reducing and resolving conflicts with them.

Credit Hours: 3 hrs

Class Restrictions: Senior standing or department permission

Notes: MGMT457 can be used as a substitute for this course.

Terms Offered: Course Rotation Schedules

Previously Listed As: MGMT 480, Management Responsibility in Society, MGT 480

The Writing Intensive communication activities woven into this course's activities will give you practical experiences that apply and reinforce the written and oral communication tools you'll need as a business professional for active, ethical participation in

the global community. You'll communicate through individual written and oral presentations on business ethics and corporate social responsibility case studies. Additionally, you'll work on a case study report, a team project, and will keep a journal which lets you review and reflect on the readings, cases, and daily experiences that mirror (and occasionally) contradict what the course covers. Through staged written assignments in the project, you'll demonstrate your understanding and ability to apply and communicate what you have learned in this class as well as in other management courses in terms of human resource management and leadership.

Last Updated: Links 06/2012

MGMT 481 - Managing the Entrepreneurial Venture

This course focuses on managing an entrepreneurial venture in an increasingly professional manner. Topics include: management control systems, integrating short and long-range plans, financial planning, developing and implementing human resource systems, and developing a management team.

Credit Hours: 3 hrs

Prerequisite: MGMT 388 or department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 481

Last Updated: Links 04/2011

MGMT 482 - Compensation Administration

Basic concepts of design and methodology for wage and salary administration in an organization. Fundamental considerations in evaluating jobs and positions. Compensation methods and wage incentive systems.

Credit Hours: 3 hrs

Prerequisite: MGMT 384

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 482

Last Updated: Links 04/2011

MGMT 483 - Staffing Organizations

The staffing of organizations; skills needed in human resource planning, recruitment, job analysis, selection techniques and evaluation.

Credit Hours: 3 hrs

Prerequisite: MGMT 384

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 484 - Management-Union Relations

Management strategy and techniques for conducting effective management-union relationships and negotiations; contract administration for both industrial and nonindustrial organizations.

Credit Hours: 3 hrs

Prerequisite: MGMT 384

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 485 - Human Resource Development

Determination of training needs; development of training objectives; selection and development of resources for appropriate training experiences; implementation of training program evaluation.

Credit Hours: 3 hrs

Prerequisite: MGMT 384 or department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 485

Last Updated: Links 04/2011

MGMT 486 - Organizational Change and Team Building

A practical approach to creating the organizational changes necessary for effective team-based, continual-improvement work systems. Students learn how to manage change effectively, providing a foundation for learning how to build teams and work effectively within teams. The course provides knowledge and critical skills needed for initiating and managing change and for building effective teams.

Credit Hours: 3 hrs

Prerequisite: MGMT 386 or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 487 - Cooperative Education in Management

Four months of full-time employment at a business or public organization in a management position chosen for imparting practical experience in management.

Credit Hours: 3 hrs

Prerequisite: MGMT 387; department permission

Major Restrictions: Use on a Management Major or Minor is not permitted

Notes: Offered on a credit/no-credit basis. Admittance by application only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 488L - Field Studies in Entrepreneurship (Gen Ed Area V LBC)

This course puts student teams into entrepreneurial firms to study and analyze the problems of an actual business. A comprehensive final report to the firm is required.

Credit Hours: 3 hrs

Prerequisite: MGMT 388 or department permission

Notes: This course will count as credit for Learning Beyond the Classroom.

Terms Offered: Course Rotation Schedules

Previously Listed As: MGMT 488

This is a real-world field study of an entrepreneurial venture. It presents special opportunities for learning and imposes special responsibilities since we are dealing with real organizations and real people and what we do may have real impact. Therefore, students participate in development, maintenance, and/or change of community standards and norms because they will be proposing real business solutions to the firms they are working with.

Last Updated: Links 06/2012

MGMT 489 - Management Internship

Approved on-the-job experience of students in the management internship program supplemented by seminars as appropriate.

Credit Hours: 3 hrs

Prerequisite: department permission

Major Restrictions: Open only to students formally enrolled in Management

Notes: Students can only take this course during their terms of supervised work experience. Offered on a credit/no-credit basis.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MGMT 490 - Business Policy

Integration and analytical application of fundamental areas of business-to-case problems. Policy issues in the identification and resolution of problem situations.

Credit Hours: 3 hrs

Concurrent Prerequisite: OM 374

Class Restrictions: Senior standing (Senior standing implies completion of the College of Business core: FIN 350, MKTG 360 and MGMT 386)

Major Restrictions: Business Administration Majors only or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 492 - Managing World Business Communication

This course focuses on such issues as global management in a cultural context, breaking down international business barriers, motivation in a global context, management of culture shock, international conflict management, management and cultural synergy, and business communication practice and traditions in specific national settings.

Credit Hours: 3 hrs

Prerequisite: MGMT 202 or department permission

Terms Offered: Course Rotation Schedules

Previously Listed As: MGT 492

Last Updated: Links 04/2011

MGMT 495 - International Management

Comparisons of management concepts, processes, and practices in various countries with their differing educational, sociological, legal-political and cultural constraints. The evolution of management, and the transfer of managerial philosophy and practices to other countries.

Credit Hours: 3 hrs

Prerequisite: MGMT 386 or department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MGMT 496 - Current Issues in Human Resource Management

A practical application of HR management techniques to current business issues; specially designed workshop-type sessions for prospective managers, supervisors and personnel specialists.

Credit Hours: 3 hrs

Prerequisite: MGMT 384

Terms Offered: Course Rotation Schedules
Previously Listed As: MGT 496
Last Updated: Links 04/2011

MGMT 497 - Independent Study

Directed study of a problem in management not otherwise treated in department courses.

Credit Hours: 1 hr
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

MGMT 498 - Independent Study

Directed study of a problem in management not otherwise treated in department courses.

Credit Hours: 2 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

MGMT 499 - Independent Study

Directed study of a problem in management not otherwise treated in department courses.

Credit Hours: 3 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

Marketing Programs and Courses

Marketing

Major

International Business Major

The international business major offers a multidisciplinary focus within the College of Business that prepares students for careers in international business and related fields. The IB major is multidisciplinary, involving material from all areas of the College of Business as well as economics and foreign language required components. While the IB program is administratively housed in the Marketing Department, the IB prefix is an interdisciplinary prefix taught by professors from all business disciplines. Student advising for the IB program is handled by the Director of International Business Programs.

The IB degree is undertaken with an existing College of Business B.B.A. degree major (accounting, accounting information systems, computer information systems, economics, entrepreneurship, finance, general business, management, marketing, or supply chain management). Additionally, all IB students must fulfill a study abroad experience and prove proficiency in a second language or complete a foreign language sequence. The major varies from 124-139 hours depending on the major chosen to combine with IB.

All students must take the required courses carrying an IB prefix. Additionally, students must take the international course offering within their functional business area (e.g., an IB major in finance would require FIN 370 - International Business Finance).

The IB program of study prepares students for careers in an increasingly integrated world economy. The IB major is designed to appeal to students who favor an interdisciplinary approach to professional business studies. The major should also be appealing to international students or students who are already bilingual. The program of study emphasizes both broad-based business knowledge in international business (including a required course in international business ethics) as well as specific geographical areas of expertise (through seminars on doing business in specific nations or regions).

Marketing Department information:

Department Head: Anne L. Balazs
Department Contact: abalazs@emich.edu
Website: <http://www.mkt.emich.edu/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs

- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60-66 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- *** MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Area Studies Requirements: 4.5 hours

- **** IB 375 - Doing Business in Countries/Regions 1.5 hrs

Required IB Courses: 4.5 hours

- IB 210 - Fundamentals of Global Business (Gen Ed Area III) 3 hrs
- IB 370 - International Business Ethics 1.5 hrs

Restricted Elective Course: 15 hours

The number of electives a student takes depends on the number of required IB restricted electives required in your major as indicated under each functional area.

- ACC 475 - International Accounting 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs
- FIN 370 - International Business Finance 3 hrs

- FLAN 489 - Internship in Language and International Trade 3 hrs
- IB 475 - International Business: Study Abroad Perspective 3 hrs
- IB 479 - Special Topics 3 hrs
- LAW 350 - International Business Law 3 hrs
- MGMT 492 - Managing World Business Communication 3 hrs
- MGMT 495 - International Management 3 hrs
- MKTG 375 - International Business Transactions 3 hrs
- MKTG 460 - International Marketing 3 hrs

Language Requirements: 0-6 hours

All international business students must complete (FRNH, GERN, JPNE, SPNH) 261. Depending on the past foreign language learning experience of individual students, they may be able to enter 261 directly. Conversely, students may need to begin foreign language study at a lower level, to be determined by the placement test in the Department of World Languages.

***see note*

- FRNH 261 - Introduction to Professional Language Study 3 hrs
- GERN 261 - Introduction to Professional Language Study 3 hrs
- JPNE 261 - Introduction to Professional Language Study 3 hrs
- SPNH 261 - Introduction to Professional Language Study (TO BE DELETED) 3 hrs

Functional Areas: 24-36 hours

Choose one of the following functional areas: Accounting, Accounting Information Systems, Computer Information Systems, Economics, Entrepreneurship, Finance, General Business, Management, Marketing or Supply Chain Management.

I. Accounting: 24 hours

Required Courses:

- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 344 - Principles of Taxation 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs
- ACC 475 - International Accounting 3 hrs
- ACC 496W - Financial Management and Controllorship (Gen Ed Area I, W) 3 hrs

Restricted Electives:

Choose one course from the following: (ACC 475 is required to fulfill the international business restricted electives)

- ACC 442 - Advanced Cost Accounting 3 hrs
- ACC 450 - Internal Auditing 3 hrs
- ACC 479 - Special Topics 3 hrs
- ACC 491 - Accounting Honors Thesis 3 hrs
- ACC 499 - Directed Studies 3 hrs

- ACC 540 - Corporate Financial Reporting 3 hrs
- ACC 541 - Advanced Financial Accounting 3 hrs
- ACC 546 - Public and Nonprofit Sector Accounting 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- ACC 567 - Professional Auditing 3 hrs
- ACC 585 - Business Tax Planning 3 hrs

II. Accounting Information Systems: 36 hours

Required Courses:

- ACC 296 - The Accounting Cycle and Profession 3 hrs
- ACC 340 - Intermediate Accounting 3 hrs
- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 344 - Principles of Taxation 3 hrs
- ACC 356 - Accounting Information Systems 3 hrs
- ACC 456 - Accounting Information Systems Implementation and Projects 3 hrs
- ACC 496W - Financial Management and Controllership (Gen Ed Area I, W) 3 hrs
- ACC 548 - Information Systems Audit and Control 3 hrs
- IS 247 - Introduction to Web Application Development 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 380 - Introduction to Databases 3 hrs

III. Computer Information Systems: 30 hours

Required Courses:

- IS 247 - Introduction to Web Application Development 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 380 - Introduction to Databases 3 hrs
- IS 413 - IT Infrastructure and Network Security 3 hrs
- IS 417 - Systems Analysis and Design 3 hrs
- IS 421 - Enterprise Database Application 3 hrs
- IS 425 - IS Project and Risk Management 3 hrs
- IS 449W - Information Systems Integration (Gen Ed Area I, W) 3 hrs

Restricted Electives:

Choose one course from the following:

- IS 350 - Enterprise Resource Planning 3 hrs
- IS 410 - Business Intelligence 3 hrs
- IS 416 - System Software Administration 3 hrs

IV. Entrepreneurship: 24 hours

Required Courses:

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (Gen Ed Area V LBC) 3 hrs

Choose one course from the following:

- MKTG 363 - Retailing 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 479 - Special Topics 3 hrs

Choose two courses from the following: (Marketing choices selected above cannot be selected here)

- ACC 342 - Managerial Cost Accounting 3 hrs
- ACC 344 - Principles of Taxation 3 hrs
- FIN 352 - Financial Management for Entrepreneurs 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 460 - International Marketing 3 hrs
- MKTG 473 - Marketing and Product Innovation 3 hrs
- MGMT 460 - Management Skills 3 hrs

V. Economics: 24 hours

Required Courses:

- ECON 310 - Economic Statistics 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs
- ECON 412 - Intermediate Microeconomic Analysis 3 hrs
- ECON 415 - Introduction to Econometrics 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs

Restricted Electives:

Choose two courses from any 300-400 level economics course. Choose one course if you chose ECON 370 under international business restricted electives. ECON 480W is required to fulfill the international business restricted electives. (Business related topics are suggested.)

VI. Finance: 24 hours

Required Courses:

- FIN 354 - Investments 3 hrs
- FIN 357 - Financial Markets and Institutions 3 hrs
- FIN 359 - Intermediate Financial Theory 3 hrs
- FIN 370 - International Business Finance 3 hrs
- FIN 450W - Problems in Financial Management (Gen Ed Area I, W) 3 hrs

Restricted Electives:

Choose three courses from the following: (FIN 370 is required to fulfill the international business restricted electives)

- ACC 358 - Analysis of Financial Statements 3 hrs
- ECON 445 - Economic Fluctuations and Forecasting 3 hrs
- FIN 352 - Financial Management for Entrepreneurs 3 hrs
- FIN 451 - Introduction to Speculative Markets 3 hrs
- FIN 453 - Commercial Banking 3 hrs
- FIN 454 - Mortgage Banking 3 hrs
- FIN 479 - Special Topics 3 hrs

VII. General Business: 24 hours

Required Courses:

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 460 - Management Skills 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs

Restricted Electives:

Choose four courses from at least three different departments in the College of Business. At least two courses must be at the 300-400 level. (The restricted elective requirement may be fulfilled by completing the international business restricted elective requirements.)

VIII. Management: 24 hours

Required Courses:

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 460 - Management Skills 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- MGMT 486 - Organizational Change and Team Building 3 hrs
- MGMT 492 - Managing World Business Communication 3 hrs

- MGMT 495 - International Management 3 hrs

Restricted Electives:

Choose two courses from the following:

- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 403 - Managerial Communication: Theory and Application 3 hrs
- MGMT 450 - Leadership Theories and Practice 3 hrs
- MGMT 479 - Special Topics 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 482 - Compensation Administration 3 hrs
- MGMT 483 - Staffing Organizations 3 hrs
- MGMT 484 - Management-Union Relations 3 hrs
- MGMT 485 - Human Resource Development 3 hrs
- MGMT 496 - Current Issues in Human Resource Management 3 hrs

IX. Marketing: 24 hours

Required Courses:

- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 365 - Consumer Behavior 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 375 - International Business Transactions 3 hrs
- MKTG 460 - International Marketing 3 hrs
- MKTG 470 - Marketing Research 3 hrs
- MKTG 475 - Marketing Planning and Management 3 hrs

Restricted Electives:

Choose one course from the following:

- MKTG 363 - Retailing 3 hrs
- MKTG 369 - Advertising 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 425 - Sports and Event Marketing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 461 - Sales Management 3 hrs
- MKTG 473 - Marketing and Product Innovation 3 hrs
- MKTG 474 - Promotional Strategy 3 hrs
- MKTG 479 - Special Topics 3 hrs
- MKTG 499 - Independent Study 3 hrs
- SCM 380 - Introduction to Supply Chain Management 3 hrs
- SCM 385 - Logistics 3 hrs

X. Supply Chain Management: 27 hours

Required Courses:

- IB 210 - Fundamentals of Global Business (Gen Ed Area III) 3 hrs
- SCM 380 - Introduction to Supply Chain Management 3 hrs
- SCM 385 - Logistics 3 hrs
- SCM 386 - Purchasing and Supply Management 3 hrs
- SCM 465W - Global Supply Chain Management (Gen Ed Area I, W) 3 hrs

Restricted Electives: (Choose four from the following)

- ID 346 - Industrial Climate 3 hrs
- IS 350 - Enterprise Resource Planning 3 hrs
- LAW 350 - International Business Law 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- SCM 420 - Operations Planning and Scheduling in Supply Chain 3 hrs
- SCM 464 - Advanced Logistics 3 hrs
- QUAL 320 - Industrial Quality Control 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** All 200-level core courses listed above must be completed prior to admission to the College of Business.*

*** Foreign language credits may be used to satisfy general education requirements I.3 and IV.1. Students who have learned English as a second language may have minimum requirements of French, German, Japanese or Spanish waived.*

**** All 300-level core courses listed above must be completed before enrollment in MGMT 490 - Business Policy.*

***** Students must take IB 375 three times to fulfill requirements as course content will change each semester to a different country or subregion within the broader area of study.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Marketing Major

The marketing major offers career preparation in sports marketing, advertising and sales promotion, international business, marketing research, purchasing and materials management, retailing, marketing channels, and sales and sales management. Students may select any nine-hour combination of eligible marketing electives, but they are encouraged to focus on their anticipated career path.

The general requirements for the bachelor of business administration degree, the academic major requirements below and sufficient electives to meet the minimum of 124 hours for graduation must be completed.

Marketing Department information:

Department Head: Anne L. Balazs
Department Contact: abalazs@emich.edu
Website: <http://www.mkt.emich.edu/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 60 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

- MGMT 386 - Organizational Behavior and Theory 3 hrs
- * MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Discipline: 24 hours

Required Courses: 15 hours

- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 365 - Consumer Behavior 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 470 - Marketing Research 3 hrs
- MKTG 475 - Marketing Planning and Management 3 hrs

Concentration Courses: 9 hours

Students may select from one of the following program areas or may select any nine-hour combination of marketing and supply chain management electives to create their own program in consultation with an adviser:

- Advertising and sales promotion
- International business
- Purchasing and materials management
- Marketing channels
- Supply chain management
- Retailing
- Sales and sales management
- Marketing management
- Sports marketing

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options. All 200-level core courses listed above must be completed prior to admission to the College of Business.

* FIN 350, MGMT 386 and MKTG 360 must be completed before enrollment in MGMT 490 - Business Policy.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Supply Chain Management Major

Marketing Department information:

Department Head: Anne L. Balazs
 Department Contact: abalazs@emich.edu
 Website: <http://www.mkt.emich.edu/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

College of Business Pre-Admission Requirements: 56 Credit Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the following courses listed below. In addition, students must have completed Eastern Michigan University's General Education Quantitative Reasoning requirement. Lastly, students must have an EMU GPA of at least 2.50.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Major Requirements: 63 hours

Business Core Courses: 36 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs

- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- * MGMT 490 - Business Policy 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Supply Chain Management Required Courses: 15 Hours

- IB 210 - Fundamentals of Global Business (Gen Ed Area III) 3 hrs
- SCM 380 - Introduction to Supply Chain Management 3 hrs
- SCM 385 - Logistics 3 hrs
- SCM 386 - Purchasing and Supply Management 3 hrs
- SCM 465W - Global Supply Chain Management (Gen Ed Area I, W) 3 hrs

Restricted Electives: 12 Hours

Choose four courses from the following:

- ID 346 - Industrial Climate 3 hrs
- IS 350 - Enterprise Resource Planning 3 hrs
- LAW 350 - International Business Law 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- QUAL 320 - Industrial Quality Control 3 hrs
- SCM 420 - Operations Planning and Scheduling in Supply Chain 3 hrs
- SCM 464 - Advanced Logistics 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

All 300-level core courses listed above must be completed before enrollment in MGMT 490 Business Policy.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

International Business Minor (NEW PROGRAM)

Most EMU Students will pursue careers that have an international dimension to them. This is true even for students choosing to stay within Southeastern Michigan. An International Business Minor will allow EMU graduates to raise their consciousness about the impact of globalization on their professions and their communities. It will promote discourse and understanding both during students' time at EMU and beyond.

Marketing Department information:

Department Head: Anne L. Balazs
Department Contact: abalazs@emich.edu
Website: <http://www.mkt.emich.edu/>

Required Courses: 12 hours

- COB 200L - Introduction to Business (Gen Ed Area V LBC) 3 hrs
 - IB 210 - Fundamentals of Global Business (Gen Ed Area III) 3 hrs
 - IB 370 - International Business Ethics 1.5 hrs
 - IB 375 - Doing Business in Countries/Regions 1.5 hrs
- * Students need to complete three IB 375 courses

Restricted Electives: 3 hours

One course from IB Restricted Electives (with necessary prerequisites if applicable):

Note: IB 479 and LAW 350 have no prerequisites.

- ACC 475 - International Accounting 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 480W - International Economics (Gen Ed Area I, W) 3 hrs
- FIN 370 - International Business Finance 3 hrs
- FLAN 489 - Internship in Language and International Trade 3 hrs
(by permission of Director, IB Programs Only)
- IB 475 - International Business: Study Abroad Perspective 3 hrs
- IB 479 - Special Topics 3 hrs
- LAW 350 - International Business Law 3 hrs
- MGMT 492 - Managing World Business Communication 3 hrs
- MGMT 495 - International Management 3 hrs
- MKTG 375 - International Business Transactions 3 hrs
- MKTG 460 - International Marketing 3 hrs

Language or Study Abroad: 6 hours

Either six credit hours of Foreign Language OR six credit hours of relevant Study Abroad

Minor Total: 21 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Marketing Minor - (For nonbusiness majors)

Marketing Department information:

Department Head: Anne L. Balazs
 Department Contact: abalazs@emich.edu
 Website: <http://www.mkt.emich.edu/>

Required Courses: 6 hours

- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

Restricted Elective Courses: 15 hours

Five courses from the following, at least three must be in marketing (all five may be in marketing).

- ACC 240 - Principles of Financial Accounting 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 365 - Consumer Behavior 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 369 - Advertising 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 375 - International Business Transactions 3 hrs
- MKTG 425 - Sports and Event Marketing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 460 - International Marketing 3 hrs
- MKTG 461 - Sales Management 3 hrs
- MKTG 470 - Marketing Research 3 hrs
- MKTG 474 - Promotional Strategy 3 hrs
- MKTG 475 - Marketing Planning and Management 3 hrs
- SCM 380 - Introduction to Supply Chain Management 3 hrs
- SCM 385 - Logistics 3 hrs
- SCM 386 - Purchasing and Supply Management 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

College of Business approval is required for students planning to enroll in 300- to 400-level business courses. All students must meet the specific course prerequisites for enrollment in any College of Business course.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Supply Chain Management Minor

Marketing Department information:

Department Head: Anne L. Balazs
Department Contact: abalazs@emich.edu
Website: <http://www.mkt.emich.edu/>

Required Courses: 15 hours

- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs
- SCM 380 - Introduction to Supply Chain Management 3 hrs
- SCM 385 - Logistics 3 hrs
- SCM 386 - Purchasing and Supply Management 3 hrs

Restricted Electives: 6 hours

Two courses from the following:

- IB 210 - Fundamentals of Global Business (Gen Ed Area III) 3 hrs
- IS 350 - Enterprise Resource Planning 3 hrs
- LAW 350 - International Business Law 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- QUAL 320 - Industrial Quality Control 3 hrs
- SCM 420 - Operations Planning and Scheduling in Supply Chain 3 hrs
- SCM 464 - Advanced Logistics 3 hrs
- SCM 465W - Global Supply Chain Management (Gen Ed Area I, W) 3 hrs

Minor Total: 21 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

Students pursuing a COB minor must have a minimum cumulative GPA of 2.0 to enroll in 300/400 Business classes.

Students must be of junior status (completion of 56 credit hours) to enroll in 300/400 Business classes.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

International Business

IB 210 - Fundamentals of Global Business (Gen Ed Area III)

Focuses on the globalization phenomenon and its impact on business. Critical country factors such as economic, political, legal, social and cultural factors as well as developmental issues of technology, environment and infrastructure and their relevance in global business will be discussed. The course also looks at the integrated and interdependent nature of business relations among nations and people. It examines components of global business such as global trade and foreign direct investment.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Area III: Perspectives on a Diverse World

IB 210 Fundamentals of Global Business

IB210 introduces students to cultural, social, economic and political perspectives that influence commerce today. The focus of IB210 is placed on awareness and understanding the perspectives and assumptions required by a pluralist global community. Global awareness requires that students understand and appreciate the ways, economic, social and cultural differences and similarities structure human experiences and knowledge. To achieve this, students will read articles, discuss cases, view videos, attend lectures and complete exercises which examine the globalization of cultures, economies and political, legal, social, technological and ecological systems and their impact on businesses, organization and people worldwide. Students also discuss the integrated and interdependent nature of business relations among nations and citizens of the world. They examine components of global business such as global trade and investment as well as human exchange. As part of their general education, EMU undergraduate students should understand that the world is no longer circumscribed by the boundaries of nations and continents.

Last Updated: Links 06/2012

IB 277 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 278 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 279 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 370 - International Business Ethics

This course examines business ethics as applied internationally. The course focuses on compliance with laws mandating ethical standards in international business situations; business ethics as applied globally relative to different cultures and countries; and global corporate social responsibility.

Credit Hours: 1.5 hrs

Concurrent Prerequisite: IB 375

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IB 375 - Doing Business in Countries/Regions

This seminar addresses how to conduct business in the indicated region or country, addressing its specific business environment, culture and business operations, using U.S. corporate practice as the point of comparison. The central purpose of this course is to provide a practical basis for effective business practice for the business person involved in the designated market. The subject nation or region rotates (e.g., doing business in Germany; doing business in Japan, etc.), although the structure for the course remains consistent. In this way, students approach doing business in several nations or regions using a common frame or reference.

Credit Hours: 1.5 hrs

Concurrent Prerequisite: IB 210

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IB 377 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 378 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 379 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 475 - International Business: Study Abroad Perspective

This course is a rigorous course of study taught by faculty at a non-US campus at host universities and led by an EMU faculty member. The course will address the business and cross-cultural issues in the country or countries in which the course take place.

Credit Hours: 3 hrs

Prerequisite: IB 210

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

IB 477 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 478 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

IB 479 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IB 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IB 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

IB 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs
Prerequisite: department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

Law

LAW 293 - Legal Environment of Business

The judicial system and legal procedure, crimes and torts, contractual arrangements, sales of goods and other transactions under the Uniform Commercial Code.

Credit Hours: 3 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 350 - International Business Law

The course will focus on international business law applicable to international business transactions. Topics covered will include comparable legal systems in the world and the law relative to 1) international sales, transport, credit and commercial agreements; 2) trade law including imports, customs, tariff regulations/agreements, regional free trade areas; 3) regulation of the marketplace including licensing, patent, advertising, sales representation, foreign investment and business formation, currency risk, anti-trust, employment and environmental law.

Credit Hours: 3 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 393 - Law of Business Enterprises

The law of forms of business enterprise and negotiable instruments. Agency, partnerships, corporations and negotiable instruments.

Credit Hours: 3 hrs
Prerequisite: LAW 293 or department permission
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

LAW 403 - Employment Law

The legal framework within which business (or public) managers must make employment and labor relations decisions; includes laws relative to labor relations, discrimination, affirmative action, occupational health and safety, wage-hour, wrongful discharge, workers compensation, etc.

Credit Hours: 3 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 411 - Sports Law

This is a survey course that examines sports and recreation law including legal issues associated with sports, sporting events, sports related industries, sports programs, athletic education, recreation management, etc. Topics include: negligence, property and premises law, torts and criminal law, risk management, contract law, constitutional law and sports legislation.

Credit Hours: 3 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 425 - E-Commerce Law

A survey course on the basics of e-commerce law including the legal framework and issues and risks of doing e-commerce business. Topics studied include e-contracting, privacy and security, cyber-torts and crimes, jurisdiction, and dispute resolution, securities offerings, cyber-financing including banking and e-money, taxation, copyrights and trademarks.

Credit Hours: 3 hrs
Class Restrictions: Junior standing
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 430 - Ethics and Legal Compliance

A general course on ethics compliance relative to business and related professions. The course will focus on understanding and insuring both ethical and legal compliance with specific laws on topics such as employment, consumer protection, privacy, financial regulation (corporate governance and SOX), the environment and medicine.

Credit Hours: 3 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 456 - Environmental Law

This is an introductory survey course designed for students who seek employment in science, business, and/or nonprofits. The course covers Federal legislation that deals with current environmental issues. No prior knowledge of law, public administration, or business is required.

Credit Hours: 3 hrs
Class Restrictions: Sophomore standing or above
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

LAW 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: LAW 293
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

LAW 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: LAW 293
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

LAW 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: LAW 293
Terms Offered: Course Rotation Schedules
Last Updated: Links 04/2011

LAW 497 - Independent Study

Directed study of a problem in business law not otherwise treated in department courses.

Credit Hours: 1 hr
Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

LAW 498 - Independent Study

Directed study of a problem in business law not otherwise treated in department courses.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

LAW 499 - Independent Study

Directed study of a problem in business law not otherwise treated in department courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

LAW 503 - Legal Environment of Business

This course covers topics in business law, ethics and the law of enterprises. Material includes the substantive law of contracts and torts, agency and enterprise formation, including limited liability companies, corporations and securities laws. Business ethics are taught from a legal perspective.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

Marketing

MKTG 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 261 - Contemporary Selling

Introduction of the basic principles of personal selling, as used in profit and nonprofit organizations. Included are small case analyses, evaluation of sales presentations, and skill development using video recorded role-plays.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 285 - Cooperative Education

Employment at a business or public organization in a marketing position.

Credit Hours: 1 hr

Notes: General elective credit only. Offered on a credit/no-credit basis

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 286 - Cooperative Education

Employment at a business or public organization in a marketing position.

Credit Hours: 2 hrs

Notes: General elective credit only. Offered on a credit/no-credit basis

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 287 - Cooperative Education

Employment at a business or public organization in a marketing position.

Credit Hours: 3 hrs

Notes: General elective credit only. Offered on a credit/no-credit basis

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 360 - Principles of Marketing

Marketplace exchanges; the relationship between marketing activities of the organization and the consumer.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 363 - Retailing

The practices of retail store management: store location, layout, organization, buying systems, sales promotion activities, customer services and store operating expenses.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 365 - Consumer Behavior

The study of the basic factors influencing consumer behavior, including the roles of affect, cognition, behavior and the environment. Models designed to explain consumer behavior will be explored, as well as implications for public policy and the development of marketing strategies.

Credit Hours: 3 hrs

Prerequisite: MKTG 360 and PSY 101

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 368W - Marketing Strategy (Gen Ed Area I, W)

Advanced policies and practices in marketing. Case analysis of marketing problems pertinent to product, price, promotion and channels of distribution policies.

Credit Hours: 3 hrs

Prerequisite: MKTG 360 and ACC 240

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 369 - Advertising

Advertising as a communication tool in marketing management. The role of advertising in the marketing mix and in society. Emphasis on problem-based decision making including the appropriate use of research in establishing advertising objectives, allocating advertising budgets, determining target audiences, developing creative strategies, selecting media and determining advertising effectiveness.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 374 - Business to Business Marketing

Concepts, procedures, and problems encountered when one business or organization markets its products or services to another. Emphasizes the marketing practices employed by industrial organizations. Topics include: customer relationship management, market analysis, organizational buying behavior, purchasing procedures, pricing and negotiation, selling and marketing planning.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 375 - International Business Transactions

How goods and services are moved internationally. Transportation concepts and systems, the shipping scene, various documents needed to expedite the international movement of goods.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 385 - Cooperative Education

Employment at a business or public organization in a marketing position.

Credit Hours: 1 hrs

Prerequisite: department permission

Notes: General elective credit only. Offered on a credit/no-credit basis

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 386 - Cooperative Education

Employment at a business or public organization in a marketing position.

Credit Hours: 2 hrs

Prerequisite: department permission

Notes: General elective credit only. Offered on a credit/no-credit basis.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 387 - Cooperative Education

Employment at a business or public organization in a marketing position.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: General elective credit only. Offered on a credit/no-credit basis

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 425 - Sports and Event Marketing

This course includes topics germane to marketing activities associated with sports and a variety of events. It looks at the marketing of spectator and participation sports as well as events such as the arts, local festivals and charity events. The course also examines the use of such events as marketing tools. This component will look at issues such as endorsements, licensing, naming rights and sponsorship linkages.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 426 - Sponsorship

This course looks at sponsorship as an element of the organization's integrated marketing communications (IMC) plan. It covers traditional sponsorship and the three special forms of sponsorship: licensing, venue naming rights, and endorsements. It addresses all six primary areas for sponsorship as defined by the International Events Group (IEG): sports; cause-related marketing; festivals, fairs and annual events; the arts; entertainment, tours and attractions; and associations and membership organizations.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: New Course 06/2011, effective Fall 2011

MKTG 430 - Marketing of Services

Study of marketing practices as applied to the service industry. Special emphasis is placed on the marketing concept and customer satisfaction in the service industry.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 444 - Direct and Interactive Marketing

This course provides a comprehensive examination of direct and interactive marketing concepts, methods, techniques, tools and applications. It covers the foundations of direct and interactive marketing, integrated and multi-channel marketing communications, and response measurement and evaluative metrics.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: New Course 06/2011, effective Fall 2011

MKTG 460 - International Marketing

International marketing and its role in the multinational corporation. Appraising international opportunities; product, price, promotion and distribution policies; foreign marketing environments.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 461 - Sales Management

Planning, organizing, directing and controlling the sales force. Recruiting, selecting, training, evaluating, compensating and supervising.

Credit Hours: 3 hrs

Prerequisite: MKTG 261 and MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 470 - Marketing Research

Skills and attitudes required to specify and utilize market and buyer information in defining marketing problems and making marketing decisions. Applied marketing research problems.

Credit Hours: 3 hrs

Prerequisite: MKTG 360 and DS 265

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 473 - Marketing and Product Innovation

Marketing and product successes and failures, environmental influences, market/product plans, and the new product planning process. Development of the project, starting with product-idea and continuing through offering a new product/service.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Linked 04/2011

MKTG 474 - Promotional Strategy

Problems of advertising and other promotional tools in the context of Integrated Marketing Communications theory. Topics include interactive promotions, direct marketing promotions, sales promotions and public relations. Emphasis on problem-based decision making and development of promotional campaigns.

Credit Hours: 3 hrs

Prerequisite: MKTG 369

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Terms Offered: Course Rotation Schedules

Last Updated: Graduate Credit 07/2011; Links 04/2011

MKTG 475 - Marketing Planning and Management

Integration of concepts from previous marketing courses and planning the marketing program.

Credit Hours: 3 hrs

Prerequisite: MKTG 368W

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 485 - Cooperative Education in Marketing

Employment at a business or public organization in a marketing position.

Credit Hours: 1 hr

Prerequisite: MKTG 387 and department permission

Notes: Offered on a credit/no-credit basis. General elective credit only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 486 - Cooperative Education in Marketing

Employment at a business or public organization in a marketing position.

Credit Hours: 2 hrs

Prerequisite: MKTG 387 and department permission

Notes: Offered on a credit/no-credit basis. General elective credit only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 487 - Cooperative Education in Marketing

Employment at a business or public organization in a marketing position.

Credit Hours: 3 hrs

Prerequisite: MKTG 387 and department permission

Notes: Offered on a credit/no-credit basis. General elective credit only.

Terms Offered: Course Rotation Schedules

Last Updated: Links 04/2011

MKTG 497 - Independent Study

Approved marketing projects with business or nonprofit organizations.

Credit Hours: 1 hr

Major Restrictions: Marketing Majors only and department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 498 - Independent Study

Directed study of a problem or group of problems in production systems or management science.

Credit Hours: 2 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 499 - Independent Study

Directed study of a problem or group of problems in production systems or management science.

Credit Hours: 3 hrs

Prerequisite: department permission

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

MKTG 510 - Marketing Management

This course introduces students to the basic concepts, practices and analytical techniques of marketing. As such, it is designed to be comprehensive in scope, contemporary in outlook and managerial in orientation. It may include computerized-decision simulation and teamwork.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

Supply Chain Management

SCM 377 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in supply chain management.

Credit Hours: 1 hr

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

SCM 378 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in supply chain management.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

SCM 379 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in supply chain management.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

SCM 380 - Introduction to Supply Chain Management

This course introduces students to business processes of Supply Chain Management. It examines the managerial issues within firms and value added activities that occur when firms purchase, produce, source, and distribute goods and services to satisfy customer needs. The role of IT in SCM will be discussed.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

SCM 385 - Logistics

Students will be introduced to the different components of logistics (transportation, warehousing, material handling, order-processing, inventory, packaging, customer service) and its applications to different industries including not-for-profit organizations. Operational issues, fundamental management techniques, and technological issues will be discussed.

Credit Hours: 3 hrs

Prerequisite: MKTG 360

Terms Offered: Course Rotation Schedules

Last Updated: Links 03/2011

SCM 386 - Purchasing and Supply Management

This course focuses on implementation of the entire purchasing process from evaluating purchasing need to effective supplier management. Topics will be presented in three major areas: tactical, strategic, and electronic. Particular emphasis is placed on supplier selection/evaluation, in/outsourcing decisions, supplier relationships, and ethical issues in purchasing and supply

management.

Credit Hours: 3 hrs

Class Restrictions: Junior standing

Terms Offered: Course Rotation Schedules

Last Updated: Links 06/2012

SCM 420 - Operations Planning and Scheduling in Supply Chain

This course integrates operations planning and scheduling activities for manufacturing and service operations in a supply chain management system. Topics include: ERP, demand management, production planning, master production scheduling, resource requirements planning, capacity management, inventory management and detailed scheduling. Hands on computer exercises using MS Excel and SAP/R3 are included.

Credit Hours: 3 hrs

Prerequisite: OM 374

Class Restrictions: Junior standing

Terms Offered: Course Rotation Schedules

Last Updated: Links 03/2011

SCM 464 - Advanced Logistics

This course provides an in-depth understanding of the strategic and operational challenges involved in developing and implementing a firm's logistic strategy. Particular emphasis will be placed on logistics as a value-added process in the areas of warehousing, transportation, and global logistics decisions.

Credit Hours: 3 hrs

Prerequisite: SCM 385

Class Restrictions: Junior standing

Terms Offered: Course Rotation Schedules

Last Updated: Links 03/2011

SCM 465W - Global Supply Chain Management (Gen Ed Area I, W)

This course integrates the concepts and tools of SCM approach with emphasis on issues in a global supply chain. Topics include identifying/managing risks, global supplier selection/evaluation/management, distribution and logistics management, international contracts/documents, and development/maintenance of international buyer-supplier relationships/alliances and global practices.

Credit Hours: 3 hrs

Prerequisite: SCM 380 and IB 210

Class Restrictions: Junior standing

Terms Offered: Course Rotation Schedules

Previously Listed As: SCM 465

This course is offered as a part of the General Education Program and satisfies the Writing Intensive requirement.

Last Updated: Gen Ed Approval 03/2012, effective Fall 2012; Links 03/2011

SCM 477 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in supply chain management.

Credit Hours: 1 hr
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

SCM 478 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in supply chain management.

Credit Hours: 2 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

SCM 479 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in supply chain management.

Credit Hours: 3 hrs
Terms Offered: Course Rotation Schedules
Last Updated: Links 06/2012

SCM 497 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 1 hr
Prerequisite: Department permission and consent of instructor
Terms Offered: Course Rotation Schedules
Last Updated: Links 03/2011

SCM 498 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 2 hrs
Prerequisite: Department permission and consent of instructor
Terms Offered: Course Rotation Schedules
Last Updated: Links 03/2011

SCM 499 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 3 hrs
Prerequisite: Department permission and consent of instructor
Terms Offered: Course Rotation Schedules
Last Updated: Links 03/2011

Leadership and Counseling Programs and Courses

Leadership and Counseling

Counseling

COUN 100L - Career Exploration and Decision-Making (Gen Ed Area V LBC)

Self-exploration (values, interests, goals) as it relates to careers and the world of work. Presentation in an experimental format of career exploration and personal decision-making strategies and processes. Investigation of career planning and resources (people and materials).

Credit Hours: 2 hrs

This is an introduction course in career exploration and decision-making. The purpose is to gain an overview of the world of work and to use reflective and structured methods of self-discovery to achieve a tentative career choice. This course provides students the opportunity to consider their interests and goals in order to help in planning a rewarding career as one pursues their degree at Eastern Michigan University.

Career Exploration and Decision Making provides students with the knowledge, resources, and strategies for making career and professional decisions. Students will learn about professional opportunities connected to their academic interests (historic preservation, counseling, nursing marketing, information technology, etc.) through experiential assignments and class discussions. Various decision-making strategies and goal setting exercises also will be explored.

Last Updated: 02/2011

COUN 450 - An Introduction: Counseling Concepts and Skills

Introduction to basic concepts of counseling relationships; training in basic counseling skills; experiential learning activities which focus on self-development, interpersonal relationships and related issues; and initial exposure to counseling theory and process.

Credit Hours: 3 hrs

Class Restrictions: Junior or Senior standing or by department permission

Notes: Recommended for those planning a career in the helping professions.

COUN 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

COUN 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

COUN 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

COUN 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

COUN 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

COUN 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Educational Leadership

EDLD 477 - Special Topics

Courses that can be offered on an experimental basis for one semester for purposes of meeting special needs, interests and/or innovations.

Credit Hours: 1 hr

Prerequisite: department permission

EDLD 478 - Special Topics

Courses that can be offered on an experimental basis for one semester for purposes of meeting special needs, interests and/or innovations.

Credit Hours: 2 hrs

Prerequisite: department permission

EDLD 479 - Special Topics

Courses that can be offered on an experimental basis for one semester for purposes of meeting special needs, interests and/or innovations.

Credit Hours: 3 hrs

Prerequisite: department permission

EDLD 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

EDLD 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

EDLD 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Special Education Programs and Courses

Special Education

Major

Special Education Major K-12 Cognitive Impairment Endorsement - Elementary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for K-12 endorsement as a Teacher of Students with Cognitive Impairment. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #056, "Cognitive Impairment." Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Students selecting Elementary Certification must complete a second major in Liberal Arts for Elementary Education. In addition, those selecting Elementary Certification must pass the "Elementary Education" certification test, #083. **Important Note: Starting October 2013 the Elementary Test #083 will be discontinued and replaced by two tests, #103 and #104.**

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Ann Orr
Email: aorr@emich.edu
Phone: 734.487.3300

Important Note: Please see your adviser **prior** to selecting any general education courses not listed in the Liberal Arts Major below. Most students will need to add one U.S. Diversity course and one Humanities course.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the

semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 42 hours

* PHED 257 and SPGN 491 are considered to be major requirements although they are listed as part of the professional sequence.

K-12 Special Education Core: 23 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teachers of Students with Cognitive Impairment Endorsement: 19 hours

- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPCI 350L - Introduction to Cognitive Impairment (Gen Ed Area V LBC) 3 hrs
- * SPCI 429 - Education for Teachers of Individuals with Mild Cognitive Impairment in Inclusive Settings 4 hrs
- * SPCI 483 - Education of Students in Programs for Moderate or Severe Cognitive Impairment 4 hrs
- * SPLI 468 - Education of Children with Learning Disabilities 2 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs

Liberal Arts Major Requirements - Special Education: 42 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Professional Elementary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 8 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 304 - Curriculum and Methods: Elementary 3 hrs
- GEOG 348 - Teaching Social Studies in Elementary Schools 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

One of the following:

- PRCT 304 - Practicum I: Elementary 3 hrs
- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

** Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Cognitive Impairment Endorsement - Secondary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for a Michigan Provisional Secondary Teaching Certificate with a K-12 endorsement as a Teacher of Students with Cognitive Impairment, certification code SA and, depending on the minor selected,

an additional endorsement. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #056, "Cognitive Impairment." Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Students selecting Secondary Certification must select a teachable minor from the approved list, and students must pass the certification test related to the minor in order to be recommended for endorsement in the minor field.

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Ann Orr
Email: aorr@emich.edu
Phone: 734.487.3300

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:

1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 42 hours

* SPGN 491 is considered a major requirement although it is listed as part of the professional sequence.

K-12 Special Education Core: 25 hours

- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teachers of Students with Cognitive Impairment Endorsement: 21 hours

- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPCI 350L - Introduction to Cognitive Impairment (Gen Ed Area V LBC) 3 hrs
- * SPCI 429 - Education for Teachers of Individuals with Mild Cognitive Impairment in Inclusive Settings 4 hrs
- * SPCI 483 - Education of Students in Programs for Moderate or Severe Cognitive Impairment 4 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- SPLI 468 - Education of Children with Learning Disabilities 2 hrs

Professional Secondary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 4 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs

Phase I: Curriculum, Assessment, and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 305 - Curriculum and Methods: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 6 hours

Prerequisite: Completion of Phase I is required.

- Methods Teaching Course in Minor area of concentration (3 hrs)
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.

2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

** Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Emotional Impairment Endorsement - Elementary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for the K-12 endorsement as a Teacher of Students with Emotional Impairment. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #059, "Emotional Impairment". Students select Secondary or Elementary Teacher Certification. Students selecting Elementary Certification must complete a second major in Liberal Arts for Elementary Education. In addition, those selecting elementary certification must pass the Elementary Education Certification Test, MTTC #083. **Important Note: Starting October 2013, the MTTC Elementary Test #083 will be discontinued and replaced by two tests, #103 and #104.**

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Advisers are assigned alphabetically by the student's last name.

A-G: Karen Carney
kcarney@emich.edu

M-Q: Jennifer Desiderio
jdesider@emich.edu

H-L: Gilbert Stiefel
gstiefel@emich.edu

R-Z: Lynne Rocklage
lrocklage@emich.edu

Phone Number for Advisers: 734.487.3300

Important Note: Please see your advisor **prior** to selecting any general education courses not listed in the Liberal Arts Major below. Most students will need to add one U.S. Diversity course and one Humanities course.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

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Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

K-12 Special Education Core: 24 hours

*These courses require formal admission to the Initial Teacher Preparation Program.

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs

- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Emotional Impairment Endorsement: 19 hours

*These courses require admission to the Initial Teacher Preparation Program.

- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPEI 301 - Children and Adolescents with Emotional Impairment 4 hrs
- * SPEI 401L - Programming, Methods and Curriculum for Elementary Students with Emotion Impairment (Gen Ed Area V LBC) 4 hrs
- * SPEI 449 - Beyond Behavior 3 hrs
- * SPLI 468 - Education of Children with Learning Disabilities 2 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs

Liberal Arts Major Requirements - Special Education: 42 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Professional Elementary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 8 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs

- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 304 - Curriculum and Methods: Elementary 3 hrs
- GEOG 348 - Teaching Social Studies in Elementary Schools 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

One of the following:

- PRCT 304 - Practicum I: Elementary 3 hrs
- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.

4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Emotional Impairment Endorsement - Secondary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for the K-12 endorsement as a Teacher of Students with Emotional Impairment. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #059, "Emotional Impairment". Students selecting Secondary Certification must complete a teachable minor for the approved list, and must pass the certification test for that minor in order to be recommended for endorsement in the minor field.

Special Education Department Information:

Interim Department Head: Philip Smith
 Department Contact: psmith16@emich.edu
 Website: <http://www.emich.edu/coe/sped/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.

2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

K-12 Special Education Core: 24 hours

*These courses require formal admission to the Initial Teacher Preparation Program.

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Emotional Impairment Endorsement: 19 hours

*These courses require formal admission to the Initial Teacher Preparation Program.

- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPEI 301 - Children and Adolescents with Emotional Impairment 4 hrs
- * SPEI 401L - Programming, Methods and Curriculum for Elementary Students with Emotion Impairment (Gen Ed Area V LBC) 4 hrs
- * SPEI 449 - Beyond Behavior 3 hrs
- * SPLI 468 - Education of Children with Learning Disabilities 2 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs

Professional Secondary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 4 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs

Phase I: Curriculum, Assessment, and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 305 - Curriculum and Methods: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 6 hours

Prerequisite: Completion of Phase I is required.

- Methods Teaching Course in Minor area of concentration (3 hrs)
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Hearing Impairment Endorsement - Elementary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for K-12 endorsement as a Teacher of Students with Hearing Impairment. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #062, "Hearing Impairment." Students select Secondary or Elementary Teacher Certification. Students selecting Elementary Certification must complete a second major in Liberal Arts for Elementary Education. In addition, those selecting Elementary Certification must pass the "Elementary Education" certification test, #083.

Important Note: Starting October 2013 the Elementary Test #083 will be discontinued and replaced by two tests, #103 and #104.

Registration for the first course in the hearing impaired sequence (SPHI 228) is by permission only. If there is greater demand for enrollment than availability of places in the class, program faculty will determine who receives permission. Grade point average will be the primary criterion. It is essential to see an adviser in the hearing impairment program in order to begin the program sequence.

All students are considered provisional majors until such time as they successfully complete SPHI 391.

The basic philosophy of the program is oral communication; however, students are exposed to manual communication during their course of study.

Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Linda Polter
Email: lpolter1@emich.edu
Phone: 734.487.3300

Important Note: Please see your adviser **prior** to selecting any general education courses not listed in the Liberal Arts Major below. Most students will need to add one U.S. Diversity course and one Humanities course.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.

5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 51 hours

* PHED 257 and SPGN 491 are considered major requirements although they are listed in the professional sequence.

K-12 Special Education Core: 21 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Hearing Impairment Endorsement: 30 hours

- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- SPHI 228 - Education of Students with Hearing Impairment 3 hrs
- SPHI 375 - Fundamentals of Sign Communication 2 hrs
- SPHI 387 - Introductory Practicum — Students with Hearing Impairment 1 hr
- * SPHI 391 - Language for Students with Hearing Impairment 3 hrs
- SPHI 392 - Introduction to Audiology 3 hrs
- * SPHI 394 - Aural Habilitation Rehabilitation 3 hrs
- SPHI 435 - Phonetics and Hearing Impairment 3 hrs
- * SPHI 436 - Speech Methods for Students with Hearing Impairment 3 hrs
- * SPHI 437 - Adaptive Curriculum for Students with Hearing Impairment 3 hrs
- * SPHI 487 - Speech Practicum — Students with Hearing Impairment 1 hr

Liberal Arts Major Requirements - Special Education: 42 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Professional Elementary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 8 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 304 - Curriculum and Methods: Elementary 3 hrs
- GEOG 348 - Teaching Social Studies in Elementary Schools 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

One of the following:

- PRCT 304 - Practicum I: Elementary 3 hrs
- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

** Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Hearing Impairment Endorsement - Secondary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for a Michigan Provisional Secondary Teaching Certificate with a K-12 endorsement as a Teacher of Students with Hearing Impairment, certification code SL and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #062, "Hearing Impaired." Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Students selecting Secondary Certification must select a teachable minor from the approved list, and students must pass the certification test related to the minor.

Registration for the first course in the hearing impaired sequence (SPHI 228) is by permission only. If there is greater demand for enrollment than availability of places in the class, program faculty will determine who receives permission. Grade point average will be the primary criterion. It is essential to see an adviser in the hearing impairment program in order to begin the program sequence.

All students are considered provisional majors until such time as they successfully complete SPHI 391.

The basic philosophy of the program is oral communication; however, students are exposed to manual communication during their course of study.

Special Education Department Information:

Interim Department Head: Philip Smith
 Department Contact: psmith16@emich.edu
 Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Linda Polter
 Email: lpolter1@emich.edu
 Phone: 734.487.3300

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.

2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 55 hours

* SPGN 491 is considered a major requirement although it is listed in the professional sequence.

K-12 Special Education Core: 25 hours

- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Hearing Impairment Endorsement: 28 hours

- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- SPHI 228 - Education of Students with Hearing Impairment 3 hrs
- SPHI 375 - Fundamentals of Sign Communication 2 hrs
- SPHI 387 - Introductory Practicum — Students with Hearing Impairment 1 hr
- * SPHI 391 - Language for Students with Hearing Impairment 3 hrs
- SPHI 392 - Introduction to Audiology 3 hrs
- * SPHI 394 - Aural Habilitation Rehabilitation 3 hrs
- SPHI 435 - Phonetics and Hearing Impairment 3 hrs
- * SPHI 436 - Speech Methods for Students with Hearing Impairment 3 hrs
- * SPHI 437 - Adaptive Curriculum for Students with Hearing Impairment 3 hrs
- * SPHI 487 - Speech Practicum — Students with Hearing Impairment 1 hr

Professional Secondary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 4 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs

Phase I: Curriculum, Assessment, and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 305 - Curriculum and Methods: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 6 hours

Prerequisite: Completion of Phase I is required.

- Methods Teaching Course in Minor area of concentration (3 hrs)
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

** Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Physical and Other Health Impairment Endorsement - Elementary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for K-12 endorsement as a Teacher of Students with Physical Impairment and Students with Other Health Impairment (SC). This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #058, "Physically or otherwise Health Impaired." Students selecting Elementary Certification must complete a second major in Liberal Arts for Elementary Education. In addition, those selecting Elementary Certification must pass the "Elementary Education" certification test, #083.

Important Note: Starting October 2013 the Elementary Test #083 will be discontinued and replaced by two tests, #103 and #104.

Special Education Department Information:

Interim Department Head: Philip Smith
 Department Contact: psmith16@emich.edu
 Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Ann Orr
 Email: aorr@emich.edu
 Phone: 734.487.3300

Important Note: Please see your adviser **prior** to selecting any general education courses not listed in the Liberal Arts Major below. Most students will need to add one U.S. Diversity course and one Humanities course.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.

5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 47-49 hours

* PHED 257 and SPGN 491 are considered major requirements although they are listed in the professional sequence.

K-12 Special Education Core: 26 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teacher of Students with Physical and Other Health Impairment Endorsement: 21-23 hours

- An approved course in Human Anatomy and Physiology (4-5 hrs)
- An approved course in Human Disease Process (3-4 hrs)
- SPCI 350L - Introduction to Cognitive Impairment (Gen Ed Area V LBC) 3 hrs
- * SPLI 468 - Education of Children with Learning Disabilities 2 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs
- * SPPI 412 - Ancillary Services and Health Procedures for Teachers of Physically Impaired 2 hrs
- * SPPI 414 - Educational Strategies for Teachers of the Physically Impaired 4 hrs

Liberal Arts Major Requirements - Special Education: 42 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Professional Elementary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 8 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 304 - Curriculum and Methods: Elementary 3 hrs
- GEOG 348 - Teaching Social Studies in Elementary Schools 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

One of the following:

- PRCT 304 - Practicum I: Elementary 3 hrs
- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

* Admission to the Initial Teacher Preparation Program required.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Physical and Other Health Impairment Endorsement - Secondary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for K-12 endorsement as a Teacher of Students with Physical Impairment and Students with Other Health Impairment (SC). This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #058, "Physically or otherwise Health Impaired." Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Students selecting Secondary Certification must select a teachable minor from the approved list, and students must pass the certification test related to the minor in order to be recommended for endorsement in the minor field.

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Ann Orr
Email: aorr@emich.edu
Phone: 734.487.3300

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of

transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 52-54 hours

* SPGN 491 is considered a major requirement although it is listed in the professional sequence.

K-12 Special Education Core: 26 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teacher of Students with Physical and Other Health Impairment Endorsement: 23-25 hours

- An approved course in Human Anatomy and Physiology (4-5 hrs)
- An approved course in Human Disease Process (3-4 hrs)
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPCI 350L - Introduction to Cognitive Impairment (Gen Ed Area V LBC) 3 hrs
- * SPLI 468 - Education of Children with Learning Disabilities 2 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs
- * SPPI 412 - Ancillary Services and Health Procedures for Teachers of Physically Impaired 2 hrs
- * SPPI 414 - Educational Strategies for Teachers of the Physically Impaired 4 hrs

Professional Secondary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 4 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs

Phase I: Curriculum, Assessment, and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 305 - Curriculum and Methods: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 6 hours

Prerequisite: Completion of Phase I is required.

- Methods Teaching Course in Minor area of concentration (3 hrs)
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

** Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Speech/Language Pathology Endorsement - Elementary

The professional entry-level credential in speech-language pathology is the master's degree in the field.

Successful completion of this course of study, in the context of other program requirements, with respect to K-12 teacher licensure, satisfies the undergraduate portion of the requirements for the professional entry-level credential at the master's degree level. This program leads toward, but does not satisfy, the requirements for recommendation to the Michigan Department of Education for K-12 endorsement as a Teacher of Students with Speech and Language Impairment, certification code SB, and Michigan Provisional Elementary Teaching Certificate. This program of study meets all requirements of the Council for Exceptional Children and of the American Speech-Language-Hearing Association. The Michigan Test for Teacher Certification (MTTC) covering this field are Elementary Certification tests #103 and #104 and MTTC #057, "Speech and Language Impairment. Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Certificate in Speech Pathology

The American Speech-Language-Hearing Association issues Certificates of Clinical Competence to individuals who present satisfactory evidence of their ability to provide independent clinical services to persons who have disorders of communication (speech, language and/or hearing). An individual who meets these requirements may be awarded a Certificate in Speech Pathology or in Audiology, depending upon the emphasis of his or her preparation. Note: The program at Eastern Michigan University prepares individuals to meet the requirements in speech pathology only. Specific requirements may be obtained from the advisers in speech pathology.

Note: *Students must have and maintain a 3.0 GPA in order to be admitted into and take SPSI courses.*

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Advisers are assigned by students' last two digits of EID.

00-33: Carole Gorenflo
Email: cgorenflo@emich.edu

34-66: Ronald Hoodin
Email: rhoodin@emich.edu

67-99: Lidia Lee
Email: llee@emich.edu

Phone Number for Advisers: 734.487.3300

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

K-12 Special Education Core: 15 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teachers of Students with Speech and Language Impairment Endorsement: 31 hours

- * RDNG 300 - Early Literacy 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- SPHI 392 - Introduction to Audiology 3 hrs
- * SPHI 394 - Aural Habilitation Rehabilitation 3 hrs
- SPSI 332 - Acoustic Phonetics: Speech Science 2 hrs
- SPSI 334 - Applied Phonetics 3 hrs
- SPSI 335 - Introduction to Communication Disorders 3 hrs
- SPSI 336 - Physiologic Phonetics: Anatomy and Physiology 3 hrs
- SPSI 337 - Language Acquisition 3 hrs
- SPSI 346 - Speech, Language and Phonological Disorders in Children 3 hrs
- SPSI 347 - Normal Aging and Health Issues in Speech-Language Pathology 3 hrs

Liberal Arts Major Requirements - Special Education: 42 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Professional Elementary Education Sequence - Speech/Language Pathology

Pre-Admission Phase: The Learner and the Community: 8 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 304 - Curriculum and Methods: Elementary 3 hrs
- GEOG 348 - Teaching Social Studies in Elementary Schools 3 hrs
- PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

Phase III: Capstone Experience: 4 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Additional Continuance Criteria (Speech and Language Impairment)

To be allowed to continue in the speech-language pathology program, the student must meet the following criteria:

1. Maintenance of a cumulative overall GPA of 2.5 or better.
2. Maintenance of a cumulative major GPA of 2.5 or better.
3. Demonstration of behaviors which indicate reasonable stability, maturity, understanding and aptitude as judged necessary for predicted success as a speech-language pathologist. Such qualitative judgments will be made by the SLP faculty.
4. Students on academic probation will not be allowed to enroll in major courses until the probation is lifted and their overall GPA is 2.5.
5. Must pass a speech and hearing screening.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

* *Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Special Education Major K-12 Speech/Language Pathology Endorsement - Secondary

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Successful completion of this course of study, in the context of other program requirements, with respect to K-12 teacher licensure, satisfies the undergraduate portion of the requirements for the professional entry-level credential at the master's degree level. This program leads toward, but does not satisfy, the requirements for recommendation to the Michigan Department of Education for K-12 endorsement as a Teacher of Students with Speech and Language Impairment. This program of study meets all requirements of the Council for Exceptional Children and of the American Speech-Language-Hearing Association. The Michigan Test for Teacher Certification (MTTC) covering this field is #057, "Speech and Language Impairment."

Students selecting Secondary Certification must select a teachable minor from the approved list, and students must pass the certification test related to the minor.

Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

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Note:

Students must have a 3.0 GPA in order to be admitted into SPSI courses.

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Advisers are assigned by students' last two digits of EID.

00-33: Carol Gorenflo
Email: cgorenflo@emich.edu

34-66: Ronald Hoodin
Email: rhoodin@emich.edu

67-99: Lidia Lee
Email: llee@emich.edu

Phone Number for Advisers: 734.487.3300

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 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

K-12 Special Education Core: 15 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teachers of Students with Speech and Language Impairment Endorsement: 31 hours

- * RDNG 300 - Early Literacy 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- SPHI 392 - Introduction to Audiology 3 hrs
- SPHI 394 - Aural Habilitation Rehabilitation 3 hrs
- SPSI 332 - Acoustic Phonetics: Speech Science 2 hrs
- SPSI 334 - Applied Phonetics 3 hrs

- SPSI 335 - Introduction to Communication Disorders 3 hrs
- SPSI 336 - Physiologic Phonetics: Anatomy and Physiology 3 hrs
- SPSI 337 - Language Acquisition 3 hrs
- SPSI 346 - Speech, Language and Phonological Disorders in Children 3 hrs
- SPSI 347 - Normal Aging and Health Issues in Speech-Language Pathology 3 hrs

Professional Secondary Education Sequence - Speech/Language Pathology

Pre-Admission Phase: The Learner and the Community: 4 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs

Phase I: Curriculum, Assessment, and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 305 - Curriculum and Methods: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 6 hours

Prerequisite: Completion of Phase I is required.

- Methods Teaching Course in Minor area of concentration (3 hrs)
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 4 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.

4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Additional Continuance Criteria (Speech and Language Impairment)

To be allowed to continue in the speech-language pathology program, the student must meet the following criteria:

1. Maintenance of a cumulative overall GPA of 2.5 or better.
2. Maintenance of a cumulative major GPA of 2.5 or better.
3. Demonstration of behaviors which indicate reasonable stability, maturity, understanding and aptitude as judged necessary for predicted success as a speech-language pathologist. Such qualitative judgments will be made by the SLP faculty.
4. Students on academic probation will not be allowed to enroll in major courses until the probation is lifted and their overall GPA is 2.5.
5. Must pass a speech and hearing screening.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

* Admission to the Initial Teacher Preparation Program required.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Visual Impairment Endorsement - Elementary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for K-12 as a Teacher of Students with Visual Impairment (SK). This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #061, "Visual Impairment." Students may select Secondary or Elementary Teacher Certification. Students selecting Elementary Certification must complete a second major in Liberal Arts for Elementary Education. In addition, those selecting Elementary Certification must pass the "Elementary Education" certification test, #083. **Important Note: Starting October 2013 the Elementary Test #083 will be discontinued and replaced by two tests, #103 and #104.**

Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

Adviser Information:

Program Adviser: Alicia Li
Email: tli@emich.edu
Phone: 734.487.3300

Important Note: Please see your adviser **prior** to selecting any general education courses not listed in the Liberal Arts Major below. Most students will need to add one U.S. Diversity course and one Humanities course.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of

transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 46 hours

* PHED 257 and SPGN 491 are considered major requirements although they are listed in the professional sequence.

K-12 Special Education Core: 26 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teacher of Students with Visual Impairment Endorsement: 20 hours

- SPVI 365 - Braille 3 hrs
- SPVI 366 - The Eye and Vision — Anatomy and Physiology 2 hrs
- SPVI 368 - Mobility Training for Persons with Visual Impairment 2 hrs
- SPVI 369 - Community Considerations for Persons with Visual Impairment 3 hrs
- * SPVI 464 - Methods of Teaching Children who are Blind 3 hrs
- * SPVI 465 - Braille II: Nemeth Code 3 hrs
- * SPVI 467 - Education of Children with Visual Impairment 2 hrs
- * SPVI 469 - Technology for Persons with Visual Impairment 2 hrs

Liberal Arts Major Requirements - Special Education: 42 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

Professional Elementary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 8 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 304 - Curriculum and Methods: Elementary 3 hrs
- GEOG 348 - Teaching Social Studies in Elementary Schools 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

One of the following:

- PRCT 304 - Practicum I: Elementary 3 hrs
- SPCI 240 - Preclinical Experiences — Cognitive Impairment 3 hrs
- SPEI 240 - Pre-clinical Experiences — Emotional Impairment 3 hrs
- SPPI 240 - Preclinical Experiences — POHI 3 hrs

Phase II: Content and Methods and Teaching: 15 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.
4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

** Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Special Education Major K-12 Visual Impairment Endorsement - Secondary

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation to the Michigan Department of Education for a Michigan Provisional Secondary Teaching Certificate with a K-12 endorsement as a Teacher of Students with Visual Impairment, certification code SK and, depending on the minor selected, an

additional endorsement. This program of study meets all requirements of the Council for Exceptional Children. The Michigan Test for Teacher Certification (MTTC) covering this field is #061, "Visually Impaired." Students are required to regularly meet with their program area faculty adviser to expedite their program of study.

Students selecting Secondary Certification must select a teachable minor from the approved list, and students must pass the certification test related to the minor in order to be recommended for endorsement in the minor field.

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:

1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Major Requirements: 48 hours

* SPGN 491 is considered to be major a requirement although it is listed in the professional sequence.

K-12 Special Education Core: 25 hours

- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs 2 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Teacher of Students with Visual Impairment Endorsement: 23 hours

- * SPGN 471 - Curriculum and Transitions for Secondary Special Education 3 hrs
- SPVI 365 - Braille 3 hrs
- SPVI 366 - The Eye and Vision — Anatomy and Physiology 2 hrs
- SPVI 368 - Mobility Training for Persons with Visual Impairment 2 hrs

- SPVI 369 - Community Considerations for Persons with Visual Impairment 3 hrs
- * SPVI 464 - Methods of Teaching Children who are Blind 3 hrs
- * SPVI 465 - Braille II: Nemeth Code 3 hrs
- * SPVI 467 - Education of Children with Visual Impairment 2 hrs
- * SPVI 469 - Technology for Persons with Visual Impairment 2 hrs

Professional Secondary Education Sequence - Special Education

Pre-Admission Phase: The Learner and the Community: 4 hours

Prerequisite: Sophomore standing or higher.

- EDPS 325 - Life Span Human Growth and Development 4 hrs

Phase I: Curriculum, Assessment, and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase and formal admission to the Initial Teacher Preparation Program is required.

- CURR 305 - Curriculum and Methods: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 6 hours

Prerequisite: Completion of Phase I is required.

- Methods Teaching Course in Minor area of concentration (3 hrs)
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 16 hours

Prerequisite: Completion of Phase II is required.

- EDUC 499 - Student Teaching 4 hrs
- SPGN 491 - Special Education Student Teaching and Seminar 12 hrs

Continuance Criteria

Continuance Criteria

Criteria for continuance in a program of study in the Department of Special Education is dependent upon

1. Maintenance of a 2.5 GPA.
2. Maintenance of a 2.5 GPA in major courses in program of study.
3. Completion of all courses in the major with a grade of C or better. Students will be required to retake any major course in which they earn a grade below C. A major course may be repeated only once.

4. Demonstration of behaviors which indicate stability, maturity, understanding and aptitude as judged necessary for predicted success in the professional field of special education. Such qualitative judgments will be made by the department faculty.

The continuance or termination decision will be made by the faculty in the program area. Students may request a meeting with the faculty of a program area to apprise faculty of any extenuating circumstances that may aid faculty in arriving at a fair and equitable decision. The faculty decision will be final and will be transmitted to the student in writing by the department head.

Nothing in this department's procedures will negate University or College of Education action for students on academic, administrative or social probation.

Termination from the Department

Students who fail to comply with the continuation criteria stated above will be notified in writing of their termination from the program. Students so notified have the right to appeal such termination through normal University channels. In some cases, a student will be required to meet with program area faculty for discussion of academic performance and continuation in the program.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

** Admission to the Initial Teacher Preparation Program required.*

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Speech/Language Pathology Major - Health Care Track

The professional entry-level credential in speech-language pathology is the master's degree in the field.

Certificate in Speech Pathology

The American Speech-Language-Hearing Association issues Certificates of Clinical Competence to individuals who present satisfactory evidence of their ability to provide independent clinical services to persons who have disorders of communication

(speech, language and/or hearing). An individual who meets these requirements may be awarded a Certificate in Speech Pathology or in Audiology, depending upon the emphasis of his or her preparation. Note: The program at Eastern Michigan University prepares individuals to meet the requirements in speech pathology only. Specific requirements may be obtained from the advisers in speech pathology.

Note: *Students must have and maintain a 3.0 GPA in order to be admitted into and take SPSI courses.*

Special Education Department Information:

Interim Department Head: Philip Smith
Department Contact: psmith16@emich.edu
Website: <http://www.emich.edu/coe/sped/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

K-12 Special Education Core: 15 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W) 3 hrs
- * SPGN 390 - Measurement and Diagnosis in Special Education 3 hrs
- * SPGN 481 - Assistive and Instructional Technology in Special Education 3 hrs

Speech/Language Pathology Requirements: 31 hours

- * RDNG 300 - Early Literacy 3 hrs
- * SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities 3 hrs
- SPHI 392 - Introduction to Audiology 3 hrs
- * SPHI 394 - Aural Habilitation Rehabilitation 3 hrs
- SPSI 332 - Acoustic Phonetics: Speech Science 2 hrs
- SPSI 334 - Applied Phonetics 3 hrs
- SPSI 335 - Introduction to Communication Disorders 3 hrs
- SPSI 336 - Physiologic Phonetics: Anatomy and Physiology 3 hrs
- SPSI 337 - Language Acquisition 3 hrs
- SPSI 346 - Speech, Language and Phonological Disorders in Children 3 hrs
- SPSI 347 - Normal Aging and Health Issues in Speech-Language Pathology 3 hrs

Elective Courses: 17 hours

Select courses with adviser approval.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

* *Admission to the Initial Teacher Preparation Program required.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Cognitive Impairment

SPCI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 240 - Preclinical Experiences — Cognitive Impairment

This introductory course provides exposure to and experience with K-12 students with cognitive impairment. EMU students will be encouraged to evaluate and examine their motivation to become a teacher of students with cognitive impairment, and will be introduced to all aspects of the teaching profession. In this course students will participate in field experiences with K-12 students with cognitive impairment.

Credit Hours: 3 hrs

SPCI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 350L - Introduction to Cognitive Impairment (Gen Ed Area V LBC)

Introduction to the field of cognitive impairment, its history, terminology, causes, health, medical and sensorineural components. Philosophies influencing educational practice and life management approaches are presented.

Credit Hours: 3 hrs

Prerequisite: SPGN 251, PSY 101

Last Updated: Links 03/2011

SPCI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 427 - Education of the Elementary Student with Cognitive Impairment

Development of programs, materials and instructional techniques appropriate to meet the needs of the child with cognitive impairment from birth to age 12.

Credit Hours: 2 hrs

Prerequisite: SPCI 240, SPCI 350L and admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SPCI 429 - Education for Teachers of Individuals with Mild Cognitive Impairment in Inclusive Settings

Philosophy of education, curriculum, assessment, teaching methods and classroom management techniques for students with mild cognitive impairment across the K-12 spectrum. A three-hour per week field experience is an integral component of the course.

Credit Hours: 4 hrs

Prerequisite: SPCI 240, SPCI 350L and admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPCI 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 483 - Education of Students in Programs for Moderate or Severe Cognitive Impairment

Philosophy, curriculum, assessment, teaching methods and classroom management techniques for students with moderate or severe cognitive impairment, or with multiple impairments. A three-hour per week field experience is an integral component of the course.

Credit Hours: 4 hrs

Prerequisite: SPGN 240, SPCI 350L and SPGN 461; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPCI 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPCI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Emotional Impairment

SPEI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 240 - Pre-clinical Experiences — Emotional Impairment

This introductory course provides exposure to and experience with K-12 students with emotional impairment. Students are encouraged to evaluate and examine their motivation to become a teacher of students with emotional impairment, as they are introduced to all aspects of the teaching profession. In this course, students participate in field experiences with K-12 students with emotional impairment and have opportunities to visit a variety of placements serving K-12 students with emotional impairment.

Credit Hours: 3 hrs

SPEI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPEI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPEI 301 - Children and Adolescents with Emotional Impairment

This course provides an exploration of conceptual models that explain disturbed behavior of children and adolescents. Definitive diagnostic categories will also be explored in context of their use in a variety of education settings by teachers of children and adolescents with emotional impairment.

Credit Hours: 4 hrs
Prerequisite: SPEI 240; SPGN 251; admission to the Initial Teacher Preparation Program; not open to students on academic probation
Major Restrictions: Emotional Impairment Majors only
Last Updated: Links 03/2011

SPEI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPEI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPEI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPEI 401L - Programming, Methods and Curriculum for Elementary Students with Emotion Impairment (Gen Ed Area V LBC)

Teaching methods, techniques and materials for educating elementary age children with emotional impairments will be presented. In addition, types of programs serving elementary age students with emotional impairment, as well as the individualized education program and federal and state rules governing the programs will be discussed.

Credit Hours: 4 hrs

Prerequisite: SPGN 390, SPGN 461, SPEI 301, and admission to the Initial Teacher Preparation Program

Major Restrictions: Emotional Impairment Majors only

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPEI 449 - Beyond Behavior

An examination of systemic topics beyond the scope of the Individuals with Disabilities Education Act (IDEA) that impact the well-being of youth and adolescents with emotional-behavioral impairments: social, cultural and environmental factors; home disruptions; internalized disorders; externalized disorders; and pervasive disorders.

Credit Hours: 3 hrs

Prerequisite: SPEI 301; SPGN 390; SPGN 395; SPGN 461 and admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing

Major Restrictions: Emotional Impairment Majors only

Last Updated: Links 03/2011

SPEI 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 488 - Curriculum, Methods and Programming for Secondary Students with Emotional Impairment

Teaching methods, techniques and materials appropriate for adolescents with emotional impairment are presented. Transition fundamentals are addressed and students are provided opportunities to observe and interact with adolescents and young adults with emotional impairment. Students participate in the development of a transition plan through a structured field experience.

Credit Hours: 2 hrs

SPEI 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPEI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Hearing Impairment

SPHI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 228 - Education of Students with Hearing Impairment

Designed to cover the history of the education of persons with hearing impairments, and to provide an overview of educational programming, psychological adjustment, parent counseling, communication methods and various philosophical approaches to education of persons with hearing impairments.

Credit Hours: 3 hrs

Concurrent Prerequisite: SPGN 251

Last Updated: Links 03/2011

SPHI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 375 - Fundamentals of Sign Communication

A study of the rationale for use of manual communication systems with persons with hearing impairments, including American Sign Language, manually-coded English Sign systems and fingerspelling. Beginning-level skills in manual communication will be developed. Observation of use of sign language in school programs will be required.

Credit Hours: 2 hrs

SPHI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPHI 387 - Introductory Practicum — Students with Hearing Impairment

Thirty clock hours of supervised observation and work with students with hearing impairments.

Credit Hours: 1 hr

Prerequisite: SPHI 228; admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SPHI 391 - Language for Students with Hearing Impairment

Language development of children with prelingual hearing impairments. Survey of various methods of teaching language, including natural and structured approaches.

Credit Hours: 3 hrs

Prerequisite: SPHI 228; admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SPHI 392 - Introduction to Audiology

This course provides an overview of the fundamental concepts of acoustics, anatomy and physiology. The pathologies of the auditory system, the basic audiological assessment techniques and audiometric interpretation; hearing screening and various rehabilitative measures will be discussed.

Credit Hours: 3 hrs

Prerequisite: SPSI 332, SPSI 334, SPSI 335, SPSI 336 and SPSI 337

Class Restrictions: Junior standing

Last Updated: Prerequisites 04/2012; Links 03/2011

SPHI 394 - Aural Habilitation Rehabilitation

A study of the avenues of receptive language available to persons with impaired hearing; the development of auditory learning, auditory training and the training of speechreading. Includes the understanding of group and individual hearing aids, other assistive technology and surgical implants.

Credit Hours: 3 hrs

Prerequisite: SPHI 392; admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SPHI 435 - Phonetics and Hearing Impairment

Articulatory and acoustic phonetics. Speech reception of persons with hearing impairments: auditory cues available relative to the individual's hearing loss; visual, tactile and kinesthetic correlates. Characteristics of speech production of speakers with impaired hearing. Phonetic transcription in International Phonetic Alphabet, Northampton, and Thorndike orthographic systems. Phonological level speech assessment.

Credit Hours: 3 hrs

Prerequisite: SPSI 332 and SPSI 336

Last Updated: Links 03/2011

SPHI 436 - Speech Methods for Students with Hearing Impairment

Methods of assessment and intervention in the development of intelligible connected speech in persons with hearing impairments.

Credit Hours: 3 hrs

Prerequisite: SPHI 435; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPHI 437 - Adaptive Curriculum for Students with Hearing Impairment

Principles and methods of teaching academic subjects to students with hearing impairments. Classroom procedures and materials especially designed for students with hearing impairments, as well as the adaptation of regular curricula and materials will be presented.

Credit Hours: 3 hrs

Prerequisite: SPHI 391; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPHI 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPHI 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPHI 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPHI 487 - Speech Practicum — Students with Hearing Impairment

Thirty clock hours of supervised observation and speech work with persons with hearing impairments.

Credit Hours: 1 hr
Prerequisite: SPHI 436; admission to the Initial Teacher Preparation Program
Last Updated: Links 03/2011

SPHI 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPHI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPHI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Learning Disabilities

SPLI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SPLI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SPLI 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SPLI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SPLI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SPLI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SPLI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SPLI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SPLI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SPLI 468 - Education of Children with Learning Disabilities

A study of educational and psychological problems of children with neurological and perceptual defects. Theories as they relate to the central nervous system, teaching techniques, classroom management, case studies, research and teacher-child and parent relationships will be reviewed.

Credit Hours: 2 hrs

Prerequisite: SPGN 251 or SPGN 510; admission to the Initial Teacher Preparation Program

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPLI 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPLI 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPLI 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPLI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPLI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Physical and Health Impairment

SPPI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 240 - Preclinical Experiences — POHI

This introductory course provides exposure to and experience with the physically or otherwise health impaired. Students will be encouraged to evaluate and examine their motivation for becoming a teacher of the physically and health impaired and be introduced to all aspects of the teaching profession. Students will participate in a field experience, being exposed to all age and grade levels. They will have an opportunity to visit a variety of settings that employ teachers of the physically and health impaired and be exposed to the ancillary services found in most POHI delivery models.

Credit Hours: 3 hrs

SPPI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 310 - Developmental Sciences for Teachers of the Physically and Health Impaired

A study of developmental human anatomy and physiology with emphasis upon the impact of the nervous system and its integration, function and control of the other body systems and their functions. The relationship of normal development to disability is explored and infused throughout the course. Laboratory periods are required where students can investigate the principles covered in lecture using anatomical models and specimens.

Credit Hours: 4 hrs

Prerequisite: BIO 105 and SPGN 251

Last Updated: Links 03/2011

SPPI 360 - Pathology of Physical and Health Impairments

A comprehensive study of orthopedic, neurologic, health and other handicapping conditions common to children and youth comprising the population found in educational settings serviced by the POHI teacher. Medical terminology and procedures are also introduced.

Credit Hours: 3 hrs

Prerequisite: SPPI 310

Last Updated: Links 03/2011

SPPI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 412 - Ancillary Services and Health Procedures for Teachers of Physically Impaired

Information concerning the individual disciplines that provide ancillary services to physically and health impaired students. Skills involving the use of adaptive equipment, manipulation of orthotics, and implementation of health intervention and maintenance procedures will be learned.

Credit Hours: 2 hrs

Prerequisite: SPPI 310 or instructor permission; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPPI 414 - Educational Strategies for Teachers of the Physically Impaired

This course encompasses information and develops skills needed to develop, implement, and evaluate curriculum and methods for the preschool and elementary physically and otherwise health impaired student. All aspects of cognitive, affective, and psychomotor education are explored. Emphasis is placed upon individualized instruction and programming, adaptations and modification of instructional methods and materials, remediation, communication, problem-solving, decision-making, personal adjustment, prevocational education and leisure activities. A directed classroom laboratory is required.

Credit Hours: 4 hrs

Prerequisite: SPPI 360 and CURR 304 or CURR 305; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPPI 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPPI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Special Education

SPGN 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 251 - Education of Students with Exceptionalities

This introductory survey course provides a framework for understanding how legislative and social changes in the U.S. have modified the ways in which diversity issues related to student learning characteristics have impacted equity in education. This course includes the historical, philosophical and organizational factors leading to the enactment of federal and state laws, rules, and regulations governing special education. Characteristics, educational considerations and implications of all areas of exceptionalities are addressed.

Credit Hours: 3 hrs

SPGN 271 - Speech and Language Development in Children, Adolescents and Young Adults with Exceptional Learning Needs

Speech and language development in children and adolescents from birth through young adulthood. Unique patterns of speech and language development in children and adolescents with special learning needs are emphasized. Lecture and observation.

Credit Hours: 2 hrs

Notes: Required of all special education majors except speech and language impairment and hearing impaired, who must take SPSI337 Language Acquisition.

SPGN 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 323W - Writing for Professionals in Special Education (Gen Ed Area I, W)

Intermediate writing course to prepare students for professional writing in the field of special education.

Credit Hours: 3 hrs

Prerequisite: ENGL 121 and admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing

Last Updated: Links 03/2011

SPGN 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 390 - Measurement and Diagnosis in Special Education

This course is required for all students majoring in special education. Students will learn about a wide variety of standardized and criterion-referenced tests and about their role in assessing intellectual capacity, academic achievement, socioemotional skills, adaptive behavior, and auditory and visual limitations of students with handicaps. The course will be taught in a lecture format.

Students will look at and become familiar with a wide variety of commonly used tests. Cultural reactions, test bias, and limitations will be explored.

Credit Hours: 3 hrs

Prerequisite: SPGN 251; admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SPGN 395 - Children, Adolescents, and Young Adults with Disabilities: School, Family and Community Interaction

Knowledge of the reciprocal influences of children and adolescents with disabilities, their families, and community institutions: legal, medical, social, educational, and welfare components of social institutions. Students develop skills required to identify problem areas for the children and adolescents with disabilities, and their families, when interfacing with community institutions and to plan and implement effective intervention for positive growth.

Credit Hours: 3 hrs

Prerequisite: SPGN 251

Last Updated: Links 03/2011

SPGN 401 - International Teaching I (NEW COURSE)

Students will have the opportunity to practice teaching non-English and/or English speaking children and develop an understanding of different learning styles, cultures, societies, family, language, history, and education through a semester-long teaching practicum in a foreign classroom. They will learn about characteristics of culturally and linguistically diverse students, evidence-based teaching methods, and teachers' roles and responsibilities.

Credit Hours: 6 hrs

Prerequisite: 48-credit hours and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Notes: Students may register for both SPGN 401: International Teaching I and SPGN 402: International Teaching II for a total of 12 credits.

Last Updated: Graduate Credit Approval 09/2012, effective Winter 2013; New Course 6/2012

SPGN 402 - International Teaching II (NEW COURSE)

Students will have the opportunity to practice teaching non-English and/or English speaking children and develop an understanding of different learning styles, cultures, societies, family, language, history, and education through a semester-long teaching practicum in a foreign classroom. They will learn about characteristics of culturally and linguistically diverse students, evidence-based teaching methods, and teachers' roles and responsibilities.

Credit Hours: 6 hrs

Prerequisite: 48-credit hours and department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Notes: Students may register for both SPGN 401: International Teaching I and SPGN 402 International Teaching II for a total of 12 credits.

Last Updated: Graduate Credit Approval 09/2012, effective Winter 2013; New Course 06/2012

SPGN 461 - Classroom Management and Intervention Strategies for Students with Disabilities

Strategies, approaches and techniques for effective classroom management for students with disabilities. Behavioral theories provide the foundation for the construction of effective strategies and techniques applicable in inclusive, resource and self-contained classroom settings. Roles and responsibilities of students, teachers, families and other school personnel are discussed.

Credit Hours: 3 hrs

Prerequisite: SPGN 251; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPGN 471 - Curriculum and Transitions for Secondary Special Education

The role of the special educator relative to curriculum and transition planning at the secondary level is explored. Topics address all disability areas and settings. An approved field work practicum is required.

Credit Hours: 3 hrs

Prerequisite: SPGN 251, SPGN 390, SPGN 461, SPGN 395 and admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPGN 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 481 - Assistive and Instructional Technology in Special Education

Identification and Implementation of instructional and assistive technology in the special general education curriculum. Educational software, productivity, applications, digital media, adapted microcomputers, voice input/output, switching device, alternative input methods, adaptive output methods and other adaptive and assistive devices are explored. Course provides a

broad knowledge base rather than disability specific information.

Credit Hours: 3 hrs

Prerequisite: SPGN 251; admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPGN 485 - Curriculum, Programs and Services for Adolescents and Young Adults with Disabilities

Secondary and post-secondary special education curricula, programs and services are explored, with focus on the cognitive, personal, social, emotional, physical, prevocational and vocational needs of adolescents and young adults with disabilities.

Credit Hours: 2 hrs

SPGN 486 - Transition and Related Field Experiences: Adolescents and Young Adults with Disabilities

Application of transition fundamentals appropriate to the student's area of endorsement. Observation and direct work with adolescents and young adults with disabilities is required. A transition plan will be completed.

Credit Hours: 2 hrs

SPGN 491 - Special Education Student Teaching and Seminar

Culminating field-based experience and seminar in the Special Education professional preparation program. Student teaching placement is in a K-12 special education setting in the area in which the endorsement will be earned. Seminar requirements will focus on expanding field-based experiences. The placement and seminar are for one complete academic semester.

Credit Hours: 12 hrs

Prerequisite: admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SPGN 497 - Independent Study

Directed study of a problem or group of problems in special education.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 498 - Independent Study

Directed study of a problem or group of problems in special education.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPGN 499 - Independent Study

Directed study of a problem or group of problems in special education.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Speech/Language Pathology

SPSI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 332 - Acoustic Phonetics: Speech Science

Basic principles of acoustic science and speech perception. Consideration of speech as an acoustical phenomenon and the analysis of speech patterns through measurements of sound and spectral analysis.

Credit Hours: 2 hrs

Class Restrictions: Junior standing or higher

Major Restrictions: Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track

Course Revisions:

Course Revisions: This course will have a class restriction change from "none" to "Junior standing or higher," effective Winter 2013. The course revision also includes a major restriction from "SPSI approved" to "Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track."

Last Updated: Major and Class Restriction Change 10/2012, effective Winter 2013

SPSI 334 - Applied Phonetics

An introduction to the use of the International Phonetic Alphabet Classification and production of English speech sounds. Phonemic transcription, including some analysis of deviant and variant speech. Lab experiences weekly.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or higher

Major Restrictions: Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track

Course Revisions:

Course Revisions: This course will have a class restriction change from "none" to "Junior standing or higher," effective Winter 2013. The course revision also includes a major restriction from "SPSI approved" to "Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track."

Last Updated: Major and Class Restriction Change 10/2012, effective Winter 2013; Credit Hour Change 02/2012

SPSI 335 - Introduction to Communication Disorders

A study of the major communication disorders as deviations from normal physical and social behavior. Etiology and symptomatology.

Credit Hours: 3 hrs

Corequisites: SPSI 334

Class Restrictions: Junior standing or higher

Course Revisions:

Course Revisions: This course will have a title change from "Communication Disorders" to "Introduction to Communication Disorders," effective Winter 2013. The course revision also includes a class restriction change from "none" to "Junior standing or higher," and a major restriction change from "SPSI approved" to "none."

Last Updated: Title, Major, and Class Restriction Change 10/2012, effective Winter 2013

SPSI 336 - Physiologic Phonetics: Anatomy and Physiology

Anatomy and physiology of normal speech production, consideration of speech as a motor behavior, physiological investigation of speech and voice.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or higher

Major Restrictions: Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track

Course Revisions:

Course Revisions: This course will have a class restriction change from "none" to "Junior standing or higher," effective Winter 2013. The course revision also includes a major restriction from "SPSI approved" to "Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track."

Last Updated: Major and Class Restriction Change 10/2012, effective Winter 2013

SPSI 337 - Language Acquisition

The development of speech, language, hearing and communication from birth. The interrelationship between cognitive development and language acquisition and usage. Developmental processes and milestones in phonology, morphology, syntax and semantics and pragmatics as a basis for understanding the effects of speech, language and hearing problems of the individual.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or higher

Major Restrictions: Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track

Course Revisions:

Course Revisions: This course will have a class restriction change from "none" to "Junior standing or higher," effective Winter 2013. The course revision also includes a major restriction from "SPSI approved" to "Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track."

Last Updated: Major and Class Restriction Change 10/2012, effective Winter 2013

SPSI 344 - Clinical Practice in Speech-Language Pathology

Supervised clinical experience with language, phonological and articulation disorders.

Credit Hours: 2 hrs

Prerequisite: SPSI343 and department permission

SPSI 346 - Speech, Language and Phonological Disorders in Children

Issues in the theoretical bases of speech, language and phonological disorders in children. Review of nature and diagnosis of these disorders in children.

Credit Hours: 3 hrs

Prerequisite: SPSI 332, SPSI 334, SPSI 336 and SPSI 337

Class Restrictions: Junior standing or higher

Major Restrictions: Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track

Previously Listed As: (SPSI 340 and SPSI 342); SPSI 341 **Course Revisions:**

Course Revisions: This course will have a class restriction change from "none" to "Junior standing or higher," effective Winter 2013. The course revision also includes a major restriction from "SPSI approved" to "Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track."

Last Updated: Major and Class Restriction Change 10/2012, effective Winter 2013

SPSI 347 - Normal Aging and Health Issues in Speech-Language Pathology

This course is designed to introduce students to the impact of normal aging on communication disorders. Structures and models for service delivery associated with speech pathologists serving geriatric patients will also be taught.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or higher

Major Restrictions: Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track

Course Revisions:

Course Revisions: This course will have a class restriction change from "none" to "Junior standing or higher," effective Winter 2013. The course revision also includes a major restriction from "SPSI approved" to "Must be enrolled in one of the following majors: Special Education Major K-12 Speech/Language Pathology Endorsement (Elementary or Secondary), Speech/Language Pathology Major - Health Care Track."

Last Updated: Major and Class Restriction Change 10/2012, effective Winter 2013

SPSI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPSI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPSI 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPSI 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPSI 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPSI 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPSI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPSI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

Visual Impairment

SPVI 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPVI 365 - Braille

Developing proficiency in reading and writing error-free braille and the reading of music braille.

Credit Hours: 3 hrs

Prerequisite: Admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: SPGN 251

Last Updated: Links 03/2011

SPVI 366 - The Eye and Vision — Anatomy and Physiology

Anatomy, physiology, and pathology of the organs of vision, refractive errors, and principles of correction. Educational implications of visual impairment in children, rather than strictly medical achievements. Interpretation of medical reports to parents, students and teachers.

Credit Hours: 2 hrs

Prerequisite: SPGN 251

Last Updated: Links 03/2011

SPVI 368 - Mobility Training for Persons with Visual Impairment

Sensory training, study, and development of cane techniques as they apply to mobility for persons with visual impairment. Introduction to leader dog program. Practicum included. Offered on the junior, senior and graduate level.

Credit Hours: 2 hrs

Class Restrictions: Junior standing

SPVI 369 - Community Considerations for Persons with Visual Impairment

The lifestyle and needs of persons with visual impairment; appropriate considerations the community must take for all levels of physical, emotional, and vocational development. Field trips and classroom experiences, acquaintance with a wide variety of service-oriented facilities for persons with visual impairment.

Credit Hours: 3 hrs

Prerequisite: SPGN 251; admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SPVI 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

SPVI 464 - Methods of Teaching Children who are Blind

A study of the various methods used in educating and assessing children who are blind, and the adaptation of these methods to the teaching of school subjects for these students. Further emphasis on Nemeth Code, Cranmer abacus and other teaching materials and devices.

Credit Hours: 3 hrs
Prerequisite: SPGN 251; admission to the Initial Teacher Preparation Program
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Graduate Credit 07/2011; Links 03/2011

SPVI 465 - Braille II: Nemeth Code

Development of proficiency in reading and writing Nemeth Braille code for mathematics and science notation.

Credit Hours: 3 hrs
Prerequisite: SPVI 365; admission to the Initial Teacher Preparation Program
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Graduate Credit 07/2011; Links 03/2011

SPVI 467 - Education of Children with Visual Impairment

Organization and administration of various plans for educating children with visual impairment. Adaptation of various teaching methods and materials for these children, as well as comparison of various vision testing methods and devices.

Credit Hours: 2 hrs
Prerequisite: SPGN 251; admission to the Initial Teacher Preparation Program
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Graduate Credit 07/2011; Links 03/2011

SPVI 469 - Technology for Persons with Visual Impairment

Experience with a variety of tools available for use by persons with visual impairment. The tools and devices covered include those designed to provide assistance in reading, Braille and low-vision.

Credit Hours: 2 hrs

Prerequisite: admission to the Initial Teacher Preparation Program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SPVI 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPVI 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPVI 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPVI 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPVI 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPVI 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Teacher Education Programs and Courses

Teacher Education

Major

Elementary Education Early Childhood Education Major (ECE)

Students seeking a major in ECE need to attend early childhood group advising sessions early in their program.

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Elementary Provisional Certificate, which is valid for teaching all subjects K-5, for teaching in self-contained classrooms in grades six to eight. In addition, the student who passes the Early Childhood Education MTTC is qualified for endorsement in early childhood, certification code ZS. The Michigan Test for Teacher Certification (MTTC) for this field are #082, "Early Childhood," #083, "Elementary Education," and Elementary Certification Test 1, #103, and Elementary Certification Test 2, #104, and those needed for subject area endorsements.

Elementary education and early childhood education students are required to attend a group advising session and then an open advising session before being assigned an adviser.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick
Department Contact: mkinneys@emich.edu
Website: <http://www.emich.edu/coe/ted/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs

- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Content Requirements: 34 hours

- ECE 214 - The Developing Child Birth-Age Eight 3 hrs
- ECE 215 - The Developing Early Childhood Professional 3 hrs
- ECE 302 - Child Centered Teaching and Learning 3 hrs
- ECE 303 - Implementing the Curriculum 3 hrs
- ECE 307 - Diverse Children, Families and Communities 3 hrs
- ECE 314 - Infants and Toddlers: Development, Curriculum and Programs 3 hrs
- ** ECE 341 - Assessment of the Young Child 3 hrs
- ECE 342 - Intentional Teaching in the Content Areas 3 hrs
- ECE 343 - Advocacy, Leadership and Administration 3 hrs
- ECE 451 - inclusive Classroom in Early Childhood 3 hrs
- EDUC 495 - Student Teaching 4 hrs

Professional Elementary Education Sequence - ECE

Pre-Admission Phase: The Learner and the Community: 7 hours

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- PRCT 310 - Practicum II: Elementary 3 hrs
- RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 495 - Student Teaching 4 hrs
- EDUC 498 - Student Teaching 5 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

** This course cannot be taken until Pre-Admission Phase is completed.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Integrated Science Major

Elementary Teacher Certification

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC)

covering this certification are Elementary Certification tests #103 and #104. The endorsement test for Integrated Science (Elementary) is MTTC#093.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.

2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Integrated Science Content Major Requirements: 36 hours

Required Course: 33 hours

- ASTR 105 - Exploration of the Universe (Gen Ed Area IV) 3 hrs
- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- CHEM 312 - Teaching Elementary Chemistry 3 hrs
- ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ESSC 311 - Weather and Climate for Elementary Teachers 3 hrs
- ESSC 312 - Essentials of the Geosphere for Elementary Teachers 3 hrs
- PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- PHY 311 - Teaching Elementary Physical Science 3 hrs

One course from the following:

- BIOT 407 - Nature of Science for Elementary Teachers 2 hrs
- CHEM 407 - Nature of Science for Elementary Teachers 2 hrs
- ESSC 407 - Nature of Science for Elementary Teachers 2 hrs

Restricted Elective: 3 hours

Three hours from the following:

- ASTR 204 - Astronomical Investigations (Gen Ed Area IV) 1 hr
- ASTR 311 - Astronomy Projects for Elementary Teachers 3 hrs
- BIO 140 - Biology of Animals 4 hrs
- BIO 205 - Field Biology 4 hrs
- BIO 215 - Plants and People (Gen Ed Area III) 3 hrs
- BIO 226 - Global Ecology and the Environment 4 hrs
- BIO 259 - Biology of Aging 2 hrs
- CHEM 315 - Green Chemistry and the Environment for Elementary Teachers 3 hrs
- ESSC 114 - Geology of the National Parks (Gen Ed Area IV) 4 hrs
- ESSC 208 - Natural Environmental Hazards 3 hrs
- ESSC 307 - Essentials of Oceanography for Elementary Teachers 3 hrs
- ESSC 315 - Water and the Environment for Elementary Teachers 3 hrs
- ESSC 414 - Teaching Science with Dinosaurs 3 hrs
- PHY 312 - Electricity Experiments for Elementary Teachers 3 hrs

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- * PRCT 310 - Practicum II: Elementary 3 hrs
- * RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** These courses are listed as co-requisites.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Language Arts Group Major

Elementary Teacher Certification

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104. The endorsement test for Language Arts is MTTC #090.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

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1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
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 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs

- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Content Requirements: 36 hours

Required Courses: 24 hours

- CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- CHL 208 - Multicultural Children's Literature (Gen Ed Area III) 3 hrs
- CHL 455 - Adolescent Literature 3 hrs
- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs
- RDNG 220 - Instructional Uses of Trade Books 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- RDNG 350 - Integrated Language Arts Instruction 3 hrs

Restricted Elective Courses: 12 hours

One course from the following:

- CTAR 322 - Theatre for Children 3 hrs
- CTAR 324 - Oral Interpretation of Children's Literature 3 hrs

One course from the following:

- CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV) 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs

Two courses from the following:

- CHL 209 - Global Children's Literature (Gen Ed Area III) 3 hrs
- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs
- CHL 450W - Children's Literature: Criticism and Response (Gen Ed Area I, W) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (Gen Ed Area I, W) 3 hrs
- CHL 453 - Illustrated Texts: Picture Books, Comics, and Graphic Novels 3 hrs
- CHL 456 - Jewish Children's and Adolescent Literature 3 hrs

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- * PRCT 310 - Practicum II: Elementary 3 hrs
- * RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Program with Two Minors

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick
 Department Contact: mkinneys@emich.edu
 Website: <http://www.emich.edu/coe/ted/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Content Requirements: 40-48 hours

Select two teaching minors from the following:

(Cannot combine Language Arts and Reading minors)

- Elementary Education Integrated Science Minor
- Elementary Education Language Arts Group Minor
- Elementary Education Mathematics Minor
- Elementary Education Reading Minor

One of the minors can be in French, German, Spanish, or Teaching English as a Second Language.

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- * PRCT 310 - Practicum II: Elementary 3 hrs
- * RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Reading Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104. The endorsement test for Reading (Elementary) is MTTC #005.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

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Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.

3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
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6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
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- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
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- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Content Requirements: 30 hours

Required Courses: 30 hours

- RDNG 220 - Instructional Uses of Trade Books 3 hrs
- RDNG 230 - Word Study in the Reading Program 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- RDNG 330 - Reading and the Culturally and Linguistically Diverse Learner 3 hrs
- RDNG 340 - Literacy Assessment in the Elementary Schools 3 hrs
- RDNG 350 - Integrated Language Arts Instruction 3 hrs
- RDNG 400 - Program Development for Struggling Readers 3 hrs
- RDNG 410 - Literacy in and Beyond the Classroom 3 hrs
- RDNG 420 - Middle School Literacy and the Early Adolescent Reader 3 hrs

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
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- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
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One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
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Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

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Critical Graduation Information:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Social Studies Group Major

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104. The endorsement test for Social Studies (Elementary) is MTTC #084.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick
Department Contact: mkinneys@emich.edu
Website: <http://www.emich.edu/coe/ted/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Initial Teacher Preparation Program Admission

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Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.

5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Content Requirements: 42 hours

- GEOG 107 - Introduction to Geography (Gen Ed Area IV) 3 hrs
- GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs

- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 109 - World History to 1500 3 hrs
- HIST 110 - World History since 1500 (Gen Ed Area III) 3 hrs
- HIST 124 - The United States, 1877 to the Present (Gen Ed Area IV) 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

One course from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs

One course from the following:

- ECON 100 - Introduction to Economic Problems and Policies (Gen Ed Area IV) 3 hrs
- ECON 200 - The American Economy 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs

One course from the following:

- ECON 375 - Economic History of the United States 3 hrs
- ECON 385 - Economic Development 3 hrs
- WGST 328 - Economics of Women 3 hrs

One course from the following

- HIST 305 - Native American History 3 hrs
- HIST 315 - History of Black Americans 3 hrs
- HIST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs
- HIST 341 - The Middle East, 1798 to the Present 3 hrs
- HIST 342 - North Africa, 1798 to the Present 3 hrs
- HIST 348 - 20th-Century Africa 3 hrs
- HIST 356 - Latin America: National Period 3 hrs
- HIST 375 - Modern India 3 hrs
- WGST 336 - History of Women in the United States and Great Britain, 1800 to the Present 3 hrs

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs

- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- * PRCT 310 - Practicum II: Elementary 3 hrs
- * RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

* These courses are listed as corequisites.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Elementary Education Integrated Science Minor

Elementary and Special Education-Elementary Teacher Certification

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104. The endorsement test for Integrated Science (Elementary) is MTTC #093.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
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 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Required Courses: 15 hours

- ASTR 105 - Exploration of the Universe (Gen Ed Area IV) 3 hrs
- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- * ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs

Three courses from the following: 9-10 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- CHEM 312 - Teaching Elementary Chemistry 3 hrs
- ESSC 311 - Weather and Climate for Elementary Teachers 3 hrs
- PHY 311 - Teaching Elementary Physical Science 3 hrs

Minor Total: 24-25 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** For transfer students with ESSC 108 credit completed: ESSC 108 automatically substitutes for ESSC 202 and fulfills the requirement.*

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Language Arts Group Minor

Elementary and Special Education-Elementary Teacher Certification

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary tests #103 and #104. The endorsement test for Language Arts is MTTC #090.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

Initial Teacher Preparation Program Admission

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 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Required Courses: 18 hours

- CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- CHL 455 - Adolescent Literature 3 hrs
- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- RDNG 350 - Integrated Language Arts Instruction 3 hrs

Restricted Elective Courses: 6 hours

One course from the following:

- CHL 208 - Multicultural Children's Literature (Gen Ed Area III) 3 hrs
- CHL 209 - Global Children's Literature (Gen Ed Area III) 3 hrs

One course from the following:

- CTAR 222 - Drama and Play in the Human Experience (Gen Ed Area IV) 3 hrs
- CTAR 322 - Theatre for Children 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs
- CTAR 324 - Oral Interpretation of Children's Literature 3 hrs

Minor Requirements: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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- Meet the requirements of the General Education program (see information below).
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- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Elementary Education Reading Minor

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Elementary Provisional Certificate. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104. The endorsement test for Reading (Elementary) is MTTC #005.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

Required Courses: 21 hours

- RDNG 220 - Instructional Uses of Trade Books 3 hrs
- RDNG 230 - Word Study in the Reading Program 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- RDNG 330 - Reading and the Culturally and Linguistically Diverse Learner 3 hrs
- RDNG 340 - Literacy Assessment in the Elementary Schools 3 hrs
- RDNG 350 - Integrated Language Arts Instruction 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Post-Baccalaureate

Post-Baccalaureate Program in Elementary Education

Students pursuing this program will complete elementary teacher certification requirements. Students wishing to pursue an endorsement in any area of special education, in addition to their teaching certificate, should see the master's teacher certification and endorsement in special education program described under the Department of Special Education. Students wishing to be certified in any of the following areas have requirements that differ from the general programs listed below and must obtain additional information from the College of Education Office of Academic Services: art, music (vocal and instrumental), physical education, business, management, marketing and technology, and technology and design. General procedures for obtaining post-baccalaureate certification can be found under the College of Education.

Initial contact for all post-baccalaureate students should be with the College of Education Office of Academic Services.

Admission Requirements

1. Minimum cumulative undergraduate GPA of 2.5 or a 3.0 in a master's degree from an accredited college or university. Applicants with less than a 2.5 GPA should contact the Second Bachelor's Office located in the Undergraduate Advising and Career Development Center, 200 McKenny, 734.487.5497.
2. Passing scores on all three sections (reading, mathematics and writing) of the Michigan Test for Teacher Certification (MTTC) Basic Skills Test; an official score report on file at Eastern Michigan University.
3. Personal statement and letter of recommendation.
4. Freedom from civil/criminal convictions, academic probation, or administrative probation. ICHAT criminal background check and Statement of Civil/Criminal Convictions. For any civil/criminal conviction provide:
 - A copy of the Judgment of Sentence, Registrar of Actions, or Certification of Conviction.
 - A written explanation of the offense(s).

Applications of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

Meet academic, social, moral, and financial obligations as a member of the EMU community. Compliance with all other admissions requirements.

Program Requirements

The student must:

1. Have a review of previous course work performed by the College of Education Office of Academic Services, to determine those requirements already completed, both for the teaching subject major/minor and for certification.
2. Successfully complete major/minor requirements for elementary education.
3. Successfully complete required hours of fieldwork experience. Presently a minimum of 100 clock hours of field experience is required, including required practicum courses.
4. Successfully complete professional elementary education course requirements.
5. Successfully complete student teaching.

Exit Criteria

1. Successful completion of all course work on program (designated minimum GPA overall, and in majors/minors).
2. Successful completion of required student teaching.
3. Successful completion of required subject area tests.
4. Recent signed civil/criminal convictions statement.
5. Current adult and child CPR and first aid certification.

Curricula

Most courses required for post-baccalaureate certification are undergraduate courses (course numbers under 500). It is important to note that 600-level or higher courses may not be used on a program of study.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

Criteria for Admission to the Post-Baccalaureate Certification Program

- Minimum cumulative undergraduate grade point average (GPA) of 2.5 or a 3.0 in a master's degree from an accredited college or university. Applicants with less than a 2.5 GPA should contact the Second Bachelor's Office, 301 Pierce Hall, 734.487.5497
- Passing scores on all three sections (reading, mathematics and writing) of the Michigan Test for Teacher Certification (MTTC) Basic Skills Test; an official score report must be on file at Eastern Michigan University.
- Personal Statement and letter of recommendation.
- Freedom from civil/criminal convictions, academic probation, or administrative probation. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 - A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 - A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
- Meet academic, social, moral, and financial obligations as a member of the EMU community.
- Compliance with all other admissions requirements.

Undergraduate students on academic probation may not earn credit for any graduate-level on-campus or off-campus courses (500-level and above).

Once admitted, students are considered teacher candidates. Manuals, policies and procedures are available to all teacher candidates at www.emich.edu/coe/oas. Teacher candidates should print the student manual, read it and keep a copy for their records.

The teacher preparation program has a process for identifying teacher candidates with professional weaknesses. The process is called "red flagging" and is explained in student and faculty manuals. Two red flags can lead to dismissal from the teacher preparation program.

Program Requirements:

All elementary certification students must complete the requirements for the Liberal Arts Major for Elementary Education as well as the Professional Education Sequence. The elementary certification student must also choose a second major or two minors. The Michigan Test for Teacher Certification (MTTC) covering this certification are Elementary Certification tests #103 and #104.

Liberal Arts Major Requirements: 48 hours

✧ *Twelve of the required courses can fulfill General Education requirements*

Note: Some of the courses listed below may also be listed in other areas of the program but only need to be taken once.

- ✧ ARTE 220 - Visual Arts for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHEM 101 - Chemistry for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ CHL 207 - Introduction to Children's Literature (Gen Ed Area IV) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- DANC 220 - Dance for the Elementary School Teacher 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ GEOG 110 - World Regions (Gen Ed Area III) 3 hrs
- ✧ HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- HIST 313 - Michigan History 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (Gen Ed Area II) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (Gen Ed Area IV) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (Gen Ed Area IV) 3 hrs
- ✧ PLSC 112 - American Government (Gen Ed Area IV) 3 hrs

One course from the following:

- ENGL 307 - Writing Process for Elementary Teachers 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 3 hrs

Approved Additional Majors in Elementary Education:

- Early Childhood Education
- Integrated Elementary Science
- Language Arts Group
- Mathematics for Elementary Teaching
- Reading
- Social Studies Group

Approved Additional Minors in Elementary Education:

- Integrated Elementary Science
- Language Arts Group
- Mathematics for Elementary Teaching
- Reading

The student may not combine Language Arts and Reading minors. One of the minors can be in:

- French Language
- German Language
- Spanish Language
- Teaching English as a Second Language

Professional Elementary Education Sequence

Pre-Admission Phase: The Learner and the Community: 11 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- HLED 320 - Health Education in the Elementary Grades 2 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment, and the Social Context: 18 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** EDPS 340 needs to be taken with or after CURR 304.

- * CURR 304 - Curriculum and Methods: Elementary 3 hrs
- EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 304 - Practicum I: Elementary 3 hrs
- RDNG 300 - Early Literacy 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 18 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CTAR 300 - Integrated Arts 3 hrs
- MATH 381 - Teaching Mathematics in Elementary School 3 hrs
- * PRCT 310 - Practicum II: Elementary 3 hrs
- * RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades 3 hrs

One course from the following:

- CURR 308 - Integrated Elementary Social Studies Methods 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Post-Baccalaureate Program in Secondary Education

Students pursuing this program will complete secondary teacher certification requirements. Students wishing to pursue an endorsement in any area of special education, in addition to their teaching certificate, should see the master's teacher certification and endorsement in special education program described under the Department of Special Education. Students wishing to be certified in any of the following areas have requirements that differ from the general programs listed below and must obtain additional information from the College of Education Office of Academic Services: art, music (vocal and instrumental), physical education, business, management, marketing and technology, and technology and design. General procedures for obtaining post-baccalaureate certification can be found under the College of Education.

Initial contact for all post-baccalaureate students should be with the College of Education Office of Academic Services.

Admission Requirements

1. Minimum cumulative undergraduate GPA of 2.5 or a 3.0 in a master's degree from an accredited college or university. Applicants with less than a 2.5 GPA should contact the Second Bachelor's Office located in the Undergraduate Advising and Career Development Center, 200 McKenny, 734.487.5497.
2. Passing scores on all three sections (reading, mathematics and writing) of the Michigan Test for Teacher Certification (MTTC) Basic Skills Test; an official score report on file at Eastern Michigan University.
3. Personal statement and letter of recommendation.
4. Freedom from civil/criminal convictions, academic probation, or administrative probation. ICHAT criminal background check and Statement of Civil/Criminal Convictions. For any civil/criminal conviction provide:
 - A copy of the Judgment of Sentence, Registrar of Actions, or Certification of Conviction.
 - A written explanation of the offense(s).
5. Meet academic, social, moral, and financial obligations as a member of the EMU community.
6. Compliance with all other admissions requirements.

Program Requirements

The student must:

1. Have a review of previous course work performed by the College of Education Office of Academic Services, to determine those requirements already completed, both for the teaching subject major/minor and for certification.
2. Successfully complete general education requirements as needed.
3. Successfully complete major/minor requirements for secondary education.
4. Successfully complete required hours of fieldwork experience. Presently a minimum of 100 clock hours of field experience is required, including required practicum courses.
5. Successfully complete professional secondary education course requirements.
6. Successfully complete student teaching.

Exit Criteria

1. Successful completion of all course work on program (designated minimum GPA overall, and in majors/minors).
2. Successful completion of required student teaching.
3. Successful completion of required subject area tests.
4. Recent signed civil/criminal convictions statement.
5. Current adult and child CPR and first aid certification.

Curricula

Most courses required for post-baccalaureate certification are undergraduate courses (course numbers under 500). It is important to note that 600-level or higher courses may not be used on a program of study.

Teacher Education Department Information:

Interim Department Head: Martha Kinney-Sedgwick

Department Contact: mkinneys@emich.edu

Website: <http://www.emich.edu/coe/ted/>

Criteria for Admission to the Post-Baccalaureate Certification Program

- Minimum cumulative undergraduate grade point average (GPA) of 2.5 or a 3.0 in a master's degree from an accredited college or university. Applicants with less than a 2.5 GPA should contact the Second Bachelor's Office, 301 Pierce Hall, 734.487.5497
- Passing scores on all three sections (reading, mathematics and writing) of the Michigan Test for Teacher Certification (MTTC) Basic Skills Test; an official score report must be on file at Eastern Michigan University.
- Personal Statement and letter of recommendation.
- Freedom from civil/criminal convictions, academic probation, or administrative probation. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 - A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 - A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.

- Meet academic, social, moral, and financial obligations as a member of the EMU community.
- Compliance with all other admissions requirements.

Undergraduate students on academic probation may not earn credit for any graduate-level on-campus or off-campus courses (500-level and above).

Once admitted, students are considered teacher candidates. Manuals, policies and procedures are available to all teacher candidates at www.emich.edu/coe/oas. Teacher candidates should print the student manual, read it and keep a copy for their records.

The teacher preparation program has a process for identifying teacher candidates with professional weaknesses. The process is called “red flagging” and is explained in student and faculty manuals. Two red flags can lead to dismissal from the teacher preparation program.

Liberal Art Requirements:

Students must complete a minimum of 40 credit hours in liberal arts studies, which include the areas listed below. Many students can meet most liberal arts requirements through courses previously taken as part of a bachelor’s degree.

- a course in English writing
- a course in communication
- a course in literature
- a course in humanities/social sciences (American Government recommended)
- a course in mathematics
- a course in natural or physical sciences
- a course in arts

Major/Minor Requirements:

Students must complete one approved major and one approved minor.

Approved Majors for Secondary Education:

- Biology
- Business, Management, Marketing and Technology
- Chemistry
- Communication and Theatre Arts (speech)
- Computer Science
- Earth Science
- French Language
- Geography (requires a minor in History)
- German Language and Literature

- History (requires a minor in Geography)
- Integrated Science*
- Language, Literature and Writing (English)
- Mathematics
- Physical Science Comprehensive Major*
- Physical Science Group Major (requires a minor in Biology, Chemistry, Earth Science or Physics)
- Physics
- Social Studies (requires a minor in Economics, Geography, History or Political Science)
- Spanish Language

Approved Minors for Secondary Education:

- Biology
- Chemistry
- Communication and Theatre Arts (speech)
- Computer Science
- Earth Science
- Economics (requires a major in Social Studies)
- French Language
- Geography
- German Language
- Health
- History (requires a major in Social Studies or Geography)
- Language, Literature and Writing (English)
- Mathematics
- Physical Education
- Physics
- Political Science (requires a major in Social Studies)
- Psychology
- Spanish Language

- Teaching English as a Second Language
- Vocational Technical Education

Approved K-12 (Secondary Certificate):

- French Language
- German Language and Literature
- Japanese Language and Culture
- Music Education (Instrumental)*
- Music Education (Vocal)*
- Physical Education
- Spanish Language
- Technology and Design Education
- Visual Art Education*

* This major does not require a minor.

Professional Secondary Education Sequence

Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 15 hours

Prerequisite: Completion of Pre-Admission Phase is required.

* These two courses must be taken together.

** These courses must be taken with or after CURR 305.

- * CURR 305 - Curriculum and Methods: Secondary 3 hrs
- ** EDMT 330 - Instructional Applications of Media and Technology 3 hrs
- ** EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- * PRCT 305 - Practicum I: Secondary 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 9-12 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- Methods of Teaching in Subject Area (3-6 hrs)
- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs

This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Curriculum

CURR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CURR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CURR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CURR 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CURR 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CURR 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CURR 304 - Curriculum and Methods: Elementary

The concept of curriculum and its relationship to differing philosophies of education and styles of teaching. The instructional process and multiple teaching strategies examined and applied through lesson planning and demonstration. Classroom management principles and techniques considered in the light of a curriculum and instruction perspective. This course is linked to PRCT 304, a planned practicum experience in public schools.

Credit Hours: 3 hrs

Prerequisite: EDPS 322 or EDPS 325; admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

CURR 305 - Curriculum and Methods: Secondary

The concept of curriculum and its relationship to differing philosophies of education and styles of teaching. The instructional process and multiple teaching strategies examined and applied through lesson planning and demonstration. Classroom management principles and techniques considered in the light of a curriculum and instruction perspective. Includes a planned practicum experience in public schools in addition to the regularly scheduled hours.

Credit Hours: 3 hrs

Prerequisite: EDPS 322 or EDPS 325; admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

CURR 308 - Integrated Elementary Social Studies Methods

Social studies is the integrated study of the social sciences and humanities to promote civic competence inherent in group life. This course explores the teaching of social studies in the elementary school. It is organized to cover a variety of teaching methods to acquire skills through lectures, discussions, activities, and presentations.

Credit Hours: 3 hrs

Prerequisite: CURR 304 and admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing or above

Major Restrictions: Elementary Education Majors only

Cross-Listed with: HIST 308
Last Updated: 03/2011; effective Spring 2011

CURR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

CURR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission

CURR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission

CURR 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

CURR 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission

CURR 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission

CURR 486 - Internship in Teacher Education

Directed experience involving a field placement in curriculum.

Credit Hours: 1 hr

Prerequisite: department permission

CURR 488 - Internship in Teacher Education

Directed experience involving a field placement in curriculum.

Credit Hours: 2 hrs

Prerequisite: department permission

CURR 489 - Internship in Teacher Education

Directed experience involving a field placement in curriculum.

Credit Hours: 3 hrs

Prerequisite: department permission

CURR 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

CURR 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

CURR 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Early Childhood Education

ECE 214 - The Developing Child Birth-Age Eight

This course explores developmental patterns of children in various settings. Physical, mental, social and emotional components of growth through the first five stages of the family life cycle with emphasis on the child from two to eight years. impact of the family, resources, attitudes and values on young children will be explored.

Credit Hours: 3 hrs
Concurrent Prerequisite: ECE 215
Class Restrictions: Sophomore standing
Last Updated: Links 04/2011

ECE 215 - The Developing Early Childhood Professional

This course provides an orientation to early childhood education, addressing such topics as teacher-child interaction, observation, guidance, ECE content area, and health and safety requirements. Students participate in a practicum experience at EMU Children's Institute for three hours per week and attend a two hour class once a week.

Credit Hours: 3 hrs
Lecture/Lab Hours: Includes three-hours-per-week practicum experience
Corequisites: ECE 214 and practicum at the EMU Children's Institute
Class Restrictions: Sophomore standing
Last Updated: Links 04/2011

ECE 302 - Child Centered Teaching and Learning

This course teaches students to design and implement developmentally appropriate programs and curriculum for children from birth through age eight. A historical overview of early childhood programs and differentiated instruction to meet the needs of young children is the focus. An inquiry approach will be used to assist the student in broadening the scope of curriculum

Credit Hours: 3 hrs
Prerequisite: ECE 214, ECE 215, EDPS 322 or EDPS 325, ECE 307 and ECE 314; Admission to the College of Education
Corequisites: ECE 303 and practicum in EMU Children's Institute
Class Restrictions: Junior or Senior standing
Major Restrictions: Early Childhood Education Major
Last Updated: Links 04/2011

ECE 303 - Implementing the Curriculum

The content of the class will focus on implementing a developmentally appropriate curriculum in programs for young children. The students participate in a practicum experience at the EMU Children's Institute for three hours per week and attend a two hour class once a week. The faculty member supervises the students in the Children's Institute.

Credit Hours: 3 hrs
Prerequisite: ECE 214 and ECE 215, EDPS 322 or EDPS 325, ECE 307, ECE 314; Admission to the Initial Teacher Preparation Program
Corequisites: ECE 302 and a practicum at the EMU Children's Institute
Class Restrictions: Sophomore or Junior standing
Last Updated: Links 04/2011

ECE 307 - Diverse Children, Families and Communities

Course focuses on diverse families emphasizing young children in peril. Students will explore poverty and other critical conditions affecting families and apply knowledge of school and community resources to address young children's needs and build resilience. Students will learn and apply affective communication strategies to develop meaningful home-school-community partnerships.

Credit Hours: 3 hrs

Prerequisite: ECE 214 and ECE 215

Class Restrictions: Junior standing

Last Updated: Links 04/2011

ECE 314 - Infants and Toddlers: Development, Curriculum and Programs

This course examines the development of infants and toddlers (conception to 36 months), and the characteristics of high quality curriculum and child care programs for this age group. It requires 10-12 hours of observation/participation in infant-toddler programs.

Credit Hours: 3 hrs

Prerequisite: ECE 214 and ECE 215

Class Restrictions: Junior standing

Last Updated: Links 04/2011

ECE 318 - Play and Creativity in ECE

An overview of approaches to play and creative expression in the education of young children. Applications will be made to the fields of early childhood, elementary education, special education and extended day programs. Students will conduct observations and interviews on play and experiment with a variety of play materials and media with children.

Credit Hours: 3 hrs

Prerequisite: ECE 214 and ECE 215

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

ECE 341 - Assessment of the Young Child

This course focuses on formal and informal procedures and practices used in the formative and summative evaluation and assessment of all aspects of a child's development from birth through the elementary years, with emphasis on children birth through age eight.

Credit Hours: 3 hrs

Prerequisite: ECE 214, ECE 215 and (EDPS 322 or EDPS 325); Admission to the Initial Teacher Preparation Program

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

ECE 342 - Intentional Teaching in the Content Areas

This is an advanced early childhood curriculum class that focuses on using developmentally appropriate instructional methods to address early learning standards in the areas of literacy, math, science and social studies. Integrating language development and critical thinking through all areas of the curriculum will be emphasized.

Credit Hours: 3 hrs

Prerequisite: ECE 302, ECE 303, RDNG 300 and admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing or above

Major Restrictions: Early Childhood Education Major only

Last Updated: Links 04/2011

ECE 343 - Advocacy, Leadership and Administration

This course focuses on advocacy, leadership and policy in early childhood education. Students will explore state, national and international policies impacting children, learn and apply advocacy and community organizational skills, and examine roles of leadership and the administration of programs in early childhood education.

Credit Hours: 3 hrs

Prerequisite: ECE 302, ECE 303 and admission to the Initial Teacher Preparation Program

Class Restrictions: Junior standing or above

Major Restrictions: Early Childhood Education Major only

Last Updated: Links 04/2011

ECE 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ECE 451 - inclusive Classroom in Early Childhood

This course prepares early childhood teachers to teach young children with exceptional needs in early childhood or early childhood special education classrooms. It addresses Special Education history, theory, models and laws pertaining to young children as well as inclusive curricular, assessment, and family approaches, teaming and collaboration and managing challenging behavior.

Credit Hours: 3 hrs

Prerequisite: ECE 302, ECE 303 and SPGN 251

Class Restrictions: Junior standing or above

Major Restrictions: Early Childhood Education Major only

Cross-Listed with: SPGN 451

Last Updated: Links 04/2011

SPGN 451 - Inclusive Classroom in Early Childhood

This course prepares early childhood teachers to teach young children with exceptional needs in early childhood or early childhood special education classrooms. It addresses Special Education history, theory, models and laws pertaining to young children as well as inclusive curricular, assessment, and family approaches, teaming and collaboration and managing challenging behavior.

Credit Hours: 3 hrs

Prerequisite: ECE 302, ECE 303 and SPGN 251

Class Restrictions: Junior standing or above

Major Restrictions: Early Childhood Education Major only

Cross-Listed with: ECE 451

Last Updated: Links 03/2011

Educational Media and Technology

EDMT 330 - Instructional Applications of Media and Technology

This course guides preservice teacher educators to critically and creatively apply the concepts, principles, hardware and software associated with the infusion of technology in solving educational problems and meeting challenges in their roles as facilitators of

learning.

Credit Hours: 3 hrs

Prerequisite: admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: CURR 304, CURR 305, BMMT 200, PHED 317, MUSC 330, MUSC 332 or TEDU 350

Last Updated: Prerequisite and Corequisite Change 10/2011, effective Winter 2012; Links 04/2011

EDMT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

EDMT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

EDMT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

EDMT 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

EDMT 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

Educational Psychology

EDPS 106 - Strategic Learning for Academic Success

Introduction to EMU services, diagnostic testing of learning styles and learning strategies for academic success.

Credit Hours: 3 hrs

EDPS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

EDPS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

EDPS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

EDPS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

EDPS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

EDPS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

EDPS 322 - Human Development and Learning

The study of childhood psychology from birth through adolescence with a focus on intellectual and psychosocial behavior and the role of parents and teachers in fostering learning and development.

Credit Hours: 4 hrs

EDPS 325 - Life Span Human Growth and Development

An exploration of the biological, cognitive, social and affective domains of human growth and development from the prenatal period until death; the relationship of growth and development to behavior through the life span.

Credit Hours: 4 hrs

EDPS 340 - Introduction to Assessment and Evaluation

Basic principles in evaluation and assessment. Students will construct and interpret tests and alternative assessments; critique standardized tests; assess social, affective and behavioral factors; use computer applications; and examine assessment issues.

Credit Hours: 3 hrs

Prerequisite: EDPS 322

Concurrent Prerequisite: CURR 304 or CURR 305

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

EDPS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

EDPS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

EDPS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

EDPS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

EDPS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

EDPS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

EDPS 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

EDPS 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

EDPS 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

EDPS 621 - Statistical Applications in Educational Research

Emphasizes the role of statistics in hypothesis testing; statistical applications in visually presenting and summarizing data; computation of central tendency, variability, relationship and prediction indices; and interpretation of results.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

EDPS 651 - Inferential Statistics

Inferential statistics, both parametric and nonparametric, theory of hypothesis testing.

Credit Hours: 2 hrs

Prerequisite: EDPS 621 or equivalent

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

Practicum

PRCT 304 - Practicum I: Elementary

Field placement in an elementary school. Focus is on reflective teaching and assessment decisions.

Credit Hours: 3 hrs

Prerequisite: EDPS 322; admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: CURR 304

Previously Listed As: FETE 301

Last Updated: Links 04/2011

PRCT 305 - Practicum I: Secondary

Field placement in a middle level or high school. Focus is on reflective teaching and assessment decisions.

Credit Hours: 3 hrs

Prerequisite: EDPS 322; admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: CURR 305

Previously Listed As: FETE 302

Last Updated: Links 04/2011

PRCT 310 - Practicum II: Elementary

Field placement in an elementary school with a diverse student population. Emphasis is on developing literacy in diverse populations and adapting instruction to individual student needs.

Credit Hours: 3 hrs

Prerequisite: CURR 304; admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: RDNG 310

Previously Listed As: FETE 401

Last Updated: Links 04/2011

PRCT 311 - Practicum II: Secondary

Field placement in a middle level or high school with a diverse student population. Emphasis is on developing literacy in diverse populations and adapting instruction to individual student needs.

Credit Hours: 3 hrs

Prerequisite: CURR 305; admission to the Initial Teacher Preparation Program

Concurrent Prerequisite: RDNG 311

Previously Listed As: FETE 402

Last Updated: Links 04/2011

Reading

RDNG 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 220 - Instructional Uses of Trade Books

In this course, students will acquire a knowledge of trade books and their uses in language arts instruction and in instruction across the curriculum. Students will develop strategies and methods for using trade books so that children discover the value and satisfaction of reading.

Credit Hours: 3 hrs

Prerequisite: CHL 207

Last Updated: Links 04/2011

RDNG 230 - Word Study in the Reading Program

Using language theory as a basis, students will explore the various aspects of word study: phonemic awareness, phonics, vocabulary, dictionary skills and spelling. Using literature and other texts, they will develop techniques/strategies for teaching word study in the elementary grades.

Credit Hours: 3 hrs

RDNG 240 - Reading and Writing Connections in the Elementary Grades

This course provides preservice teachers an opportunity to explore research on the relationship between the reading and writing processes, to experience writers' workshop, to determine ways to promote growth in students' written language across the content areas and to determine management and evaluation procedures within the reading/writing classroom.

Credit Hours: 3 hrs

RDNG 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 300 - Early Literacy

A concentration on the developmental aspects of literacy learning from birth to eight years old. Involves theoretical and research knowledge pertinent to child growth and development.

Credit Hours: 3 hrs

Prerequisite: EDPS 322 Human Development and admission to the College of Education

Last Updated: Links 04/2011

RDNG 310 - Literacy Across the Curriculum in the Intermediate Grades

This course focuses on the developmental aspects of literacy processes in the intermediate grades. Emphasis will be placed on theory and research and their application to literacy instruction across all content areas. Field based experiences are included in the corequisite PRCT 310. Required of students seeking elementary certification.

Credit Hours: 3 hrs

Prerequisite: CURR 304 and RDNG 300

Last Updated: Links 06/2011

RDNG 311 - Teaching Reading in the Secondary School

The developmental sequence for reading skills at the junior and senior high school levels and methods for teaching the sequence, including teaching programs for all students. Providing reading instruction within the context of the various areas. Required for all students who seek certification to teach in secondary schools.

Credit Hours: 3 hrs

Prerequisite: CURR 305, ARTE 358, PHED 317, BMMT 200, MUSC 330, MUSC 332 or TEDU 350; admission to the Initial Teacher Preparation Program

Last Updated: Prerequisite Change 04/2011, effective Summer 2011

RDNG 330 - Reading and the Culturally and Linguistically Diverse Learner

Exploring research on second language reading and language instruction, students will develop strategies for working with elementary students from diverse cultural and linguistic backgrounds. Students will engage in action research to design instructional methods and tools which will foster reading and language learning for second language learners in particular.

Credit Hours: 3 hrs

Prerequisite: RDNG 230, RDNG 300

Last Updated: Links 04/2011

RDNG 340 - Literacy Assessment in the Elementary Schools

A course in the types of informal literacy assessments appropriate for elementary school children. Students will examine a variety of literacy assessments techniques for primary and upper elementary grades including reading level assessment, motivational, spelling and writing scales. Portfolio development and parent conferences will also be examined.

Credit Hours: 3 hrs

Prerequisite: RDNG 300; EDPS 340 or ECE 341

Last Updated: Links 04/2011

RDNG 350 - Integrated Language Arts Instruction

This course focuses on the interrelationship of speaking, listening, reading, writing, viewing, and visually representing within language arts instruction. The purpose is to acquaint preservice teachers with recent research and practice relevant to language arts instruction in the elementary classroom.

Credit Hours: 3 hrs

Prerequisite: RDNG 300

Last Updated: Links 04/2011

RDNG 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 400 - Program Development for Struggling Readers

A course in the development of an intervention program to meet the needs of struggling readers. Students will develop and implement an intervention program for a child in the local community and report the results of this program to the parents and the school.

Credit Hours: 3 hrs

Prerequisite: RDNG 340

Last Updated: Links 04/2011

RDNG 410 - Literacy in and Beyond the Classroom

This course provides an in-depth look at current literacy practices in American schools. Students will explore classroom and intervention programs, after school tutorials, parent programs, community programs and working with school personnel. Professional development opportunities including membership and attendance at professional conferences will also be examined.

Credit Hours: 3 hrs

Prerequisite: RDNG 300, RDNG 310

Class Restrictions: Senior standing only. Certificate candidates.

Major Restrictions: Reading majors only

Previously Listed As: RDNG 210

Last Updated: Links 04/2011

RDNG 420 - Middle School Literacy and the Early Adolescent Reader

This course has the following purposes: (a) Understanding early adolescent literacy development; (b) Exploring literacy practices associated with middle level disciplines; (c) Applying various instructional strategies to those practices to enhance comprehension, composition, and learning of content; (d) Developing personal understanding of the relationship between literacy and learning across disciplines.

Credit Hours: 3 hrs

Prerequisite: RDNG 300

Class Restrictions: Senior standing only. Certificate candidates.

Major Restrictions: Reading majors only

Course Revisions:

Course Revisions: This course will have a prerequisite change from "RDNG 300, RDNG 310" to "RDNG 300," effective Winter 2013.

Last Updated: Links 04/2011

RDNG 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RDNG 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Social Foundations

SOFD 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SOFD 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W)

A study of the interactive relationship between schools and society, and the development of a culturally responsible pedagogy. Special emphasis on educational equity and the theoretical foundations of multicultural education.

Credit Hours: 3 hrs

Prerequisite: EDPS 322 or EDPS 325; admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

SOFD 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 477 - Special Topics

A study of select issues in social foundations of education. Topics may vary from term to term. Students may elect this course several times, provided different topics are covered.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 478 - Special Topics

A study of select issues in social foundations of education. Topics may vary from term to term. Students may elect this course several times, provided different topics are covered.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 479 - Special Topics

A study of select issues in social foundations of education. Topics may vary from term to term. Students may elect this course several times, provided different topics are covered.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SOFD 497 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 1 hr

Prerequisite: Department permission and consent of instructor

Last Updated: Links 03/2011

SOFD 498 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 2 hrs

Prerequisite: Department permission and consent of instructor

Last Updated: Links 03/2011

SOFD 499 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 3 hrs

Prerequisite: Department permission and consent of instructor

Last Updated: Links 03/2011

Student Teaching

EDUC 489 - Student Teaching

Credit Hours: 12 hrs

Last Updated: 4/27/2011; effective Spring 2011

EDUC 490 - Student Teaching

Credit Hours: 8 hrs

EDUC 491 - Student Teaching

Credit Hours: 9 hrs

EDUC 492 - Student Teaching

Credit Hours: 9 hrs

EDUC 493 - Student Teaching

For experienced, certified teachers.

Credit Hours: 2 hrs

Prerequisite: permission from College of Education Office of Academic Services

EDUC 494 - Student Teaching

For experienced, certified teachers.

Credit Hours: 3 hrs

Prerequisite: permission from College of Education Office of Academic Services

EDUC 495 - Student Teaching

Credit Hours: 4 hrs

Prerequisite: permission from College of Education Office of Academic Services

EDUC 496 - Student Teaching

Credit Hours: 6 hrs

EDUC 497 - Student Teaching

Credit Hours: 6 hrs

Prerequisite: credit toward certification in either EDUC 496 or EDUC 499

Last Updated: Links 04/2011

EDUC 498 - Student Teaching

Credit Hours: 5 hrs

Prerequisite: credit toward certification in either EDUC 496 or EDUC 499

Last Updated: Links 04/2011

EDUC 499 - Student Teaching

Credit Hours: 4 hrs

School of Health Promotion and Human Performance Programs and Courses

School of Health Promotion and Human Performance

Major

Athletic Training Major

The athletic training education program at Eastern Michigan University is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the athletic training education program establish the qualities considered necessary for students to achieve the knowledge, skills and competencies of an entry-level athletic trainer, as well as meet the expectations of the program's accrediting agency (Commission on Accreditation of Athletic Training Education (CAATE)). The following abilities and expectations must be met by all students admitted to the athletic training educational program. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program.

Compliance with the program's technical standards does not guarantee a student's eligibility for the Board of Certification (BOC) certification exam. Students also must complete all requirements of the ATEP.

Candidates for the athletic training education program must demonstrate:

- The capacity to assimilate, analyze, synthesize, integrate concepts and solve problems to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm.
- Sufficient postural and neuromuscular control, sensory function and coordination to perform appropriate physical examinations using accepted techniques; and to accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients.
- The ability to communicate effectively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice.
- The ability to record the physical examination results and a treatment plan clearly and accurately.
- The capacity to maintain composure and continue to function well during periods of high stress.
- The perseverance, diligence and commitment to complete the athletic training education program as outlined and sequenced.
- Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.

Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Candidates for selection to the athletic training education program will be required to verify they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

The Disability Resource Center will evaluate a student who says he/she could meet the program's technical standards with accommodation and confirm that the stated condition qualifies as a disability under applicable laws.

If a student says he/she can meet the technical standards with accommodation, the University will determine whether it agrees that the student can meet the technical standards with reasonable accommodation. This includes a review of whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety or the educational process of the student or the institution, including all course work, clinical experiences and internships deemed essential to graduation.

Students in the Athletic Training Education Program that are applying to begin their clinical Education must obtain and submit a medical physical to be reviewed by a physician. They must obtain, complete and submit an application for ATTR 225 and complete the Hepatitis B vaccination form prior to enrolling in the clinical education coursework. These forms may be printed from the Athletic Training website or picked up from the Athletic training Education Program Coordinator.

When an "intent" has successfully achieved the above, he/she must apply for "First Year Review". The application form can be obtained from the program coordinator or the clinical coordinator or online at the program's website. The "intent" will be notified of the date and time for a personal interview with the Athletic Training Education Committee.

All forms and the most up to date information about the Athletic Training Education Program can be obtained from the program website: www.emich.edu/hphp/ATRindex.html

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
School Contact: ckarshin@emich.edu
Website: <http://www.emich.edu/hphp/>

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 7-8 hours

One option from the following:

Option I:

- CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV) 4 hrs

Option II:

- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

One option from the following:

Option I:

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs

Option II:

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- PSY 103 - General Psychology Laboratory (Gen Ed Area IV) 1 hr

Sports Medicine - Athletic Training: 70 hours

- ATTR 201 - Human Anatomy for Sports Medicine 3 hrs
- ATTR 202 - Human Physiology for Sports Medicine 3 hrs
- ATTR 219 - Introduction to Athletic Training 3 hrs
- ATTR 225 - Practicum I 3 hrs
- ATTR 290 - Practicum II 2 hrs
- ATTR 295 - Assessment of Lower Body Injuries 3 hrs
- ATTR 296 - Assessment of Upper Body Injuries 3 hrs
- ATTR 304 - Structural Kinesiology 3 hrs
- ATTR 310 - Emergency Care in Athletic Training 2 hrs
- ATTR 321 - Therapeutic Modalities for AT. with Lab 3 hrs
- ATTR 322 - Therapeutic Exercise for Athletic Trainers with Lab 3 hrs
- ATTR 326 - Practicum III 2 hrs
- ATTR 327 - Practicum IV 2 hrs
- ATTR 384 - Ergogenic Aids and Athletic Performance 2 hrs
- ATTR 390 - Senior Practicum 3 hrs
- ATTR 419 - Medical Aspects of Athletic Training 3 hrs
- ATTR 420 - Administrative and Legal Aspects of Athletic Training 2 hrs
- ATTR 485 - Seminar in Athletic Training 3 hrs
- ATTR 490 - Internship — Athletic Training 6 hrs
- DTC 204 - Sports Nutrition 3 hrs
- SPMD 119 - Orientation to Sports Medicine 1 hr
- SPMD 280 - Pharmacology for Sports Medicine 2 hrs
- SPMD 300 - Physiology of Exercise 4 hrs
- SPMD 305 - Kinesiology-Tissue Mechanics 3 hrs
- SPMD 380W - Behavioral Aspects of Sports Medicine (Gen Ed Area I, W) 3 hrs

Electives: 13 hours

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

The above curriculum, numerous clinical competencies/proficiencies and clinical experience under the supervision of an NATA-certified athletic trainer are required for graduation and to sit for the NATABOC certification exam. In addition, completed athletic training education competencies are required by all students prior to graduation from the CAAHEP accredited program. Clinical education must be attained in no less than two academic years and not more than five years.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.

- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Exercise Science Major

Students entering the exercise science program are listed as “intents” and will be considered for candidacy when the following criteria are met:

1. Declaration of intent to major in exercise science with the Academic Advising Center in Pierce Hall and the School of Health Promotion and Human Performance.
2. An overall GPA at Eastern Michigan University of 2.80 (transfer GPA evaluated separately).
3. Completion of all pre-candidacy courses in the exercise science major with a B- or better.

When an “intent” has successfully achieved the above, he or she must complete the candidacy application, including the application form, three letters of recommendation (two professional and one personal) and a biographical sketch, and turn this in to their adviser. Once accepted into candidacy, the student must maintain a minimum 2.8 GPA. The student will not be allowed to complete the internship experience (SPMD 480) if the GPA falls below 2.8. In addition, a grade of B- or better must be attained in all required and elective courses in the exercise science major. If the above are not met, the course(s) in question must be retaken. CPR certification by the American Red Cross or American Heart Association is also required as part of this program.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
 School Contact: ckarshin@emich.edu
 Website: <http://www.emich.edu/hphp/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Correction Note:

The following corrections have been made to this program:

1. PSY 101 (General Psychology Lecture) should not be listed as a pre-candidacy requirement for this program.
2. Under “Elective Courses”, the following clause has been removed, “Only two credit hours are required if the 124 credit hours program total has been met. If the 124 credit hours have not been completed, then five credit hours are required”? “5-6 hours” instead of “2-6 hours” should be listed as the credit hour total for elective courses.
3. There were numerical errors regarding the number of hours in 'Required Courses', it now correctly reads "13", not "17". Also, pre-candidacy courses should read "24-25 hours", not "19-24 hours". Major requirements should read "66-68 credits", not "62-71 credits".

These corrections apply to this catalog, will not appear until the 2013 Catalog.

Major Requirements: 62-71 hours

Pre-candidacy Courses: 19-24 hours

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
- SPMD 144 - Introduction to Exercise Science 2 hrs
- SPMD 201 - Human Anatomy for Sports Medicine 3 hrs
- SPMD 202 - Human Physiology for Sports Medicine 3 hrs
- SPMD 300 - Physiology of Exercise 4 hrs

Choose one from each group:

** For students also preparing for medical school, physical therapy school or physician assistant school, BIO 110 and CHEM 121/122 should be taken instead of BIO 105 and CHEM 120. These substitutions will meet program and general education requirements. Grade requirements will still be enforced.*

Group I:

- * BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- * BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs

Group II:

- * CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV) 4 hrs
- OR**
- * CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- AND**
- * CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

Required Courses: 17 hours

- DTC 204 - Sports Nutrition 3 hrs
- SPMD 280 - Pharmacology for Sports Medicine 2 hrs
- SPMD 305 - Kinesiology-Tissue Mechanics 3 hrs
- SPMD 325 - Practicum in Exercise Science 2 hrs
- SPMD 380W - Behavioral Aspects of Sports Medicine (Gen Ed Area I, W) 3 hrs

Required Courses (Postcandidacy): 24 hours

- SPMD 410 - Laboratory Techniques in Human Performance Analysis 4 hrs
- SPMD 430 - Principles of Electrocardiography 3 hrs
- SPMD 431 - Pathophysiology for Sports Medicine 3 hrs
- SPMD 432 - Introduction to Exercise Programming 3 hrs
- SPMD 433 - Principles of Strength and Conditioning 3 hrs
- SPMD 480 - Internship — Exercise Science 8 hrs

Elective Courses: 2-6 hours

Only two credit hours are required if the 124 credit hours program total has been met. If the 124 credit hours have not been completed, then five credit hours are required.

- Any undergraduate or graduate-level SPMD course
- SPMD 407 - Fitness Center Management 3 hrs
- SPMD 434 - Introduction to Echocardiography 2 hrs
- SPMD 508 - Exercise Epidemiology 3 hrs
- SPMD 515 - Diabetes and Obesity 3 hrs
- SPMD 518 - Sports Supplements 3 hrs
- PHED 260 - Motor Development 2 hrs
- PHED 360 - Motor Learning 3 hrs

Minor Requirements:

This major does not require a minor. For students interested in fitness and wellness center management, a minor in management (21 hours) is encouraged.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 Physical Education Major

Successful completion of this course of study leads to a Bachelor of Science degree, and qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate K-12 endorsement in physical education, certification code MB and, depending on the minor selected, an additional endorsement. This program of study meets all requirements of the National Association for Sport and Physical Education/American Alliance for Health, Physical Education, Recreation and Dance. The Michigan Test for Teacher Certification (MTTC) covering this field is #044, "Physical Education," and is taken at the completion of all program requirements.

Students planning admission to the Physical Education major must officially enroll in the program at the Academic Advising Center and complete an application at 318/319 Porter.

Students seeking certification must meet requirements for entry into the Initial Teacher Preparation Program. The course of study requires completion of general education requirements, an approved teaching minor in a secondary subject area, the Physical Education major and professional education courses.

The course of study is uniquely designed to provide students with theoretical and practical knowledge of how to deliver physical education programming to K-12 students with and without disabilities. The Exemplary Physical Education Curriculum (EPEC) is used as a model to enable students to develop exemplary physical education programs upon graduation. The methods of teaching courses provide information on the sequencing and presenting of a wide variety of activities found within the public schools.

Fieldwork experiences are a critical component of the professional program. Extracurricular assignments enhance the practical application of knowledge learned within the classroom. Majors are required to complete a minimum of 100 hours of prestudent teaching experiences with students of all ages and abilities. Fieldwork experiences will begin in the freshman year, will include students with and without disabilities and will culminate in a one semester student teaching assignment with elementary and secondary students under the supervision of master teachers.

This program primarily serves the needs of K-12 school programs in Michigan and the United States. Faculty provide students with numerous opportunities for professional growth. Opportunities for additional certifications and endorsements such as water safety instructor (WSI), American Red Cross First Aid, coaching and certification in programs for students with disabilities are also available and strongly encouraged.

The Physical Education major program participates in the Honors College. Students wishing to enroll in the Honors Program must maintain a GPA of 3.3 and fulfill all requirements in specific honor courses. See the department honors adviser for specific information.

Physical Education Majors/Minors Academic Standards

Standard I

The following core physical education courses shall be completed by Physical Education majors prior to admission into the Initial Teacher Preparation Program in addition to other requirements currently in place.

PHED 100 - History and Foundations of Physical Education (2 hrs)
PHED 200 - Anatomy and Physiology (5 hrs)
PHED 204 - Kinesiology (Biomechanics of Physical Activity) (3 hrs)
PHED 260 - Motor Development (2 hrs)

Standard II

The following GPA requirements for Physical Education majors are required prior to being admitted to the student teaching experience.

Minimum cumulative GPA of 2.75 in the following core courses with no single grade lower than a C. (Initial Teacher Preparation Program overall GPA requirements remain in effect).

PHED 100 - History and Foundations of Physical Education (2 hrs)
HLED 210 - Standard American Red Cross First Aid (2 hrs)
PHED 200 - Anatomy and Physiology (5 hrs)
PHED 204 - Kinesiology (Biomechanics of Physical Activity) (3 hrs)
PHED 260 - Motor Development (2 hrs)
PHED 300 - Physiology of Exercise (4 hrs)
PHED 330 - Adapted Physical Education (3 hrs)
PHED 360 - Motor Learning (3 hrs)

Minimum grade of B in the following Methods of Teaching courses.

PHED 215 - Methods of Teaching Individual Sports (3 hrs)
PHED 217 - Methods of Teaching Team Sports (3 hrs)
PHED 219 - Methods of Teaching Rhythmic Activities, Fundamental Movement and Movement Education (3 hrs)

PHED 315 - Methods of Teaching Conditioning Activities (2 hrs)
PHED 317 - Methods of Teaching Elementary Physical Education (2 hrs)

Standard III

The following GPA requirements and minimum grade standard are required for the completion of the physical education minor and the physical education minor for special education majors.

- Overall cumulative GPA as required by the Initial Teacher Preparation Program.
- No single grade lower than C in any required class and GPA of 2.75 in minor courses.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
School Contact: ckarshin@emich.edu
Website: <http://www.emich.edu/hphp/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:

1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 2 hours

- PEGN 210L - Lifetime Wellness and Fitness (Gen Ed Area V LBC) 2 hrs

Major Requirements: 37 hours

- HLED 210 - Standard American Red Cross First Aid 2 hrs
- PHED 100 - History and Foundations of Physical Education 2 hrs
- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs
- PHED 215 - Methods of Teaching Individual Sports 3 hrs
- PHED 217 - Methods of Teaching Team Sports 3 hrs
- PHED 219 - Methods of Teaching Rhythmic Activities, Fundamental Movement and Movement Education 3 hrs
- PHED 260 - Motor Development 2 hrs
- PHED 300 - Physiology of Exercise 4 hrs
- PHED 315 - Methods of Teaching Conditioning Activities 2 hrs
- PHED 317 - Methods of Teaching Elementary Physical Education 2 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PHED 360 - Motor Learning 3 hrs

Professional Education Courses: 30 hours

Pre-admission: 4 hours

- EDPS 322 - Human Development and Learning 4 hrs

Phase I: 8 hours

- PHED 415 - Curriculum and Instruction in Physical Education 3 hrs
- PHED 470 - Assessment and Evaluation in Physical Education 2 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: 5 hours

- PHED 370 - Physical Education Applied Technologies 2 hrs
- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: 13 hours

- EDUC 496 - Student Teaching 6 hrs
- EDUC 497 - Student Teaching 6 hrs
- PHED 495 - Senior Seminar 1 hr

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Physical Education Non-Teaching Major

The physical education non-teaching option is available for students who wish to pursue careers in health and wellness other than the teaching of physical education. Graduates have found employment in fitness centers, as coaches of sports teams and in other sport-related fields and have used the degree for entry into graduate study in athletic administration, occupational and physical therapy and related careers.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
School Contact: ckarshin@emich.edu
Website: <http://www.emich.edu/hphp/>

General Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3 hours

- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs

Major Requirements: 39 hours

Required Courses: 39 hours

- HLED 210 - Standard American Red Cross First Aid 2 hrs
- PHED 100 - History and Foundations of Physical Education 2 hrs
- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs
- PHED 215 - Methods of Teaching Individual Sports 3 hrs
- PHED 217 - Methods of Teaching Team Sports 3 hrs
- PHED 219 - Methods of Teaching Rhythmic Activities, Fundamental Movement and Movement Education 3 hrs
- PHED 260 - Motor Development 2 hrs
- PHED 300 - Physiology of Exercise 4 hrs
- PHED 315 - Methods of Teaching Conditioning Activities 2 hrs
- PHED 317 - Methods of Teaching Elementary Physical Education 2 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PHED 360 - Motor Learning 3 hrs
- PHED 370 - Physical Education Applied Technologies 2 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

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- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Sport Management Major

Admission

Students who are interested in the sport management major will be listed as "pre-sport management" and will be considered for candidacy to "sport management" when the following criteria are met:

1. Declare intent to major in sport management with the Academic Advising Center in Pierce Hall and the School of Health Promotion and Human Performance.
2. Achieve an overall GPA at Eastern Michigan University of 2.5 (transfer GPA evaluated separately) after the sophomore year.

When a "pre-sport management" student has successfully achieved the above, he or she must complete the candidacy application, including the application form, one professional letter of recommendation, and a biographical sketch and turn this in to the assigned department advisor. Once accepted into candidacy, the student must maintain a minimum 2.5 GPA. The student will not be allowed to complete the Fieldwork experience any semester the overall average falls below 2.5. In addition, a grade of B- or better must be attained in the following courses: SMGT 255, SMGT 375, SMGT 445.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
 School Contact: ckarshin@emich.edu
 Website: <http://www.emich.edu/hphp/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Required Core Courses: 36 hours

- LAW 411 - Sports Law 3 hrs
- SMGT 201 - Foundations of Sport Management 3 hrs
- SMGT 255 - Social Psychology of Sport 3 hrs
- SMGT 325 - Sport Facilities 3 hrs
- SMGT 375 - Sport and Event Planning 3 hrs
- SMGT 385W - Introduction to Research in Sport Management (Gen Ed Area I, W) 3 hrs
- SMGT 425 - Diversity in Sport Organizations 3 hrs

- SMGT 445 - Sport Economics and Finance 3 hrs
- SMGT 460 - Sports Ethics 3 hrs
- SMGT 493 - Fieldwork in Sport Management I 3 hrs
- SMGT 495 - Fieldwork in Sport Management 3 hrs
- SMGT 494 - Fieldwork in Sport Management 3 hrs

Possible Electives:

- SMGT 477 - Special Topics 1 hr
- SMGT 478 - Special Topics 2 hrs
- SMGT 479 - Special Topics 3 hrs
- SMGT 511 - NCAA Compliance 3 hrs

Minor Requirements:

This major requires a minor. Choose a minor from the following:

Communication Minor
 Entrepreneurship Minor
 Nonprofit Administration Minor
 General Business Minor - (For nonbusiness majors)
 Hotel and Restaurant Management Minor
 Management Minor - (For nonbusiness majors)
 Marketing Minor - (For nonbusiness majors)

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

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EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Coaching Minor

This program is intended for students planning to pursue coaching as a full- or part-time activity. The minor is not considered a teacher minor for education majors.

Minor Requirements: 23 hours

Required Courses: 13 hours

- HLED 490 - Drug Use and Abuse 3 hrs

- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 421 - Legal Aspects of Sport, Physical Education, and Recreation 2 hrs
- SPMD 380W - Behavioral Aspects of Sports Medicine (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 10 hours

Four to six hours from the following:

- Other Theory Coaching Courses
- ATHL 263 - Theory of Football 2 hrs
- ATHL 265 - Theory of Baseball 2 hrs
- ATHL 267 - Theory of Basketball 2 hrs
- ATHL 268 - Theory of Coaching Swimming 2 hrs
- ATHL 269 - Theory of Track and Field 2 hrs

Four to six hours from the following:

See advisor for other approved electives.

- ATHL 261 - Techniques of Officiating I 2 hrs
- ATHL 262 - Techniques of Officiating II 2 hrs
- PHED 305 - Practical Concepts of Conditioning 2 hrs
- PHED 316 - Foundations of Coaching 2 hrs
- PHED 360 - Motor Learning 3 hrs
- PHED 389 - Sport and Activity for the Disabled 1 hr
- PHED 405 - Women in Sports 3 hrs
- PHED 477 - Special Topics 1 hr
- PHED 478 - Special Topics 2 hrs
- PHED 479 - Special Topics 3 hrs

Minor Total: 23 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Health Education Minor

This program is intended for students who wish to pursue a career in community health education. The minor is not considered a teaching minor for education majors.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
School Contact: ckarshin@emich.edu
Website: <http://www.emich.edu/hphp/>

Adviser Information:

Joan Cowdery
jcowdery@emich.edu

Minor Requirements: 20 hours

Required Courses: 17 hours

- HLED 130 - Healthy Sexuality 3 hrs
- HLED 210 - Standard American Red Cross First Aid 2 hrs
- HLED 270 - Principles of Health Education 3 hrs
- HLED 305 - Current Health Issues I 3 hrs
- HLED 315 - Current Health Issues II 3 hrs
- HLED 490 - Drug Use and Abuse 3 hrs

Restricted Elective Courses: 3 hours

Students will choose three credit hours of health-related coursework in consultation with their health minor adviser.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Physical Education Minor for Special Education Majors-Special Education-Elementary and Special Education-Secondary Teacher Certification

This program is intended for special education majors interested in a teaching minor in adapted physical education. The minor in adapted physical education is designed for undergraduates who wish to earn the State of Michigan Endorsement for Teachers of Students with Disabilities. Because it is a minor, students are required to meet University requirements governing minors as well as the competencies in the revised *Administrative Rules for Special Education* (April, 1997).

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in physical education, certification code MB, according to their major area of study (i.e., a secondary education

major will receive a secondary education endorsement). The Michigan Test for Teacher Certification (MTTC) covering this field is #044, "Physical Education," and should be taken at the completion of the program.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
School Contact: ckarshin@emich.edu
Website: <http://www.emich.edu/hphp/>

Minor Requirements: 24 hours

Required Courses: 20 hours

- ** PHED 200 - Anatomy and Physiology 5 hrs
- PHED 260 - Motor Development 2 hrs
- PHED 300 - Physiology of Exercise 4 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PHED 388 - Assessment in Adapted Physical Education 1 hr
- PHED 389 - Sport and Activity for the Disabled 1 hr
- PHED 415 - Curriculum and Instruction in Physical Education 3 hrs
- PHED 434 - Adapted Preschool Physical Education 1 hr

Restricted Elective Courses: 4 hours

Four hours from the following:

- PHED 215 - Methods of Teaching Individual Sports 3 hrs
- PHED 217 - Methods of Teaching Team Sports 3 hrs
- PHED 313 - Methods of Teaching Gymnastics 2 hrs
- PHED 315 - Methods of Teaching Conditioning Activities 2 hrs
- PHED 317 - Methods of Teaching Elementary Physical Education 2 hrs
- PHED 319 - Methods of Teaching Aquatics 2 hrs
- * PHED 490 - Field Experience in Adapted Physical Education 4 hrs

Minor Total: 24 hours

Notes:

All minors must have at least six hours of course work at the 300-level or above.

** This course is required for those students seeking the State of Michigan Endorsement as a Physical Education Teachers for Students with Disabilities.*

*** Majors in physically and otherwise health impaired (POHI) are exempt from this requirement. However, students must select an additional five credit hours of electives in consultation with the adapted physical education adviser.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Recreation and Park Management Minor

The mission of the recreation and park management minor is to provide a core of training that is sufficient in depth and breadth for individuals from a variety of specializations to become employed in public and private agencies to supervise recreation facilities and provide recreation services. The need to integrate into the community, to reposition the recreation profession as a catalyst for decision making, and to assist in solving community problems are emphasized. Training in the minor is directed to heighten concern for providing recreation opportunities in an increasingly pluralistic society and to promote environmental stewardship and sustainability.

The recreation and parks management minor is aimed at:

1. Majors who desire training in the recreation industry and who are concurrently acquiring knowledge and skills in, for example, business, the humanities and social sciences.
2. Individuals seeking training in the recreation industry after earning a degree, but who choose not to seek a second degree.
3. Individuals who already have a degree and who have or who are working in a variety of fields but seek a change in employment to the recreation industry.
4. Majors in other fields who want to develop additional employment opportunities in the recreation industry in addition to their own specialization.
5. Individuals who desire knowledge and skills of the recreation industry.

Objectives of the minor:

1. To build on an existing and/or developing base of knowledge and skills in other occupational areas.
2. To provide knowledge and skills to succeed in the recreation industry.
3. To provide knowledge of leisure and recreation as phenomena in society.
4. To provide the opportunity to earn the minor in two semesters for individuals seeking to retool in an occupational specialty.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
School Contact: ckarshin@emich.edu
Website: <http://www.emich.edu/hphp/>

Required Courses: 9 hours

- RECR 100L - Introduction to Recreation and Leisure (Gen Ed Area V LBC) 3 hrs
- RECR 260 - Recreation Leadership 3 hrs
- RECR 360 - Recreation Program Planning 3 hrs

Restricted Elective Courses: 15 hours

- RECR 271 - Park Maintenance 3 hrs
- RECR 280L - Camping (Gen Ed Area V LBC) 2 hrs
- RECR 290 - Practical Research in Recreation 3 hrs
- RECR 370 - Leisure Facility Design and Management 3 hrs
- RECR 390 - Outdoor Recreation 3 hrs
- RECR 450 - Park Planning and Design 3 hrs
- RECR 460 - Park and Recreation Administration 3 hrs
- RECR 465 - Park and Recreation Management 3 hrs

Minor Total: 24 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

School Health Education Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in health, certification code MA. The Michigan Test for Teacher Certification (MTTC) covering this field is #043, "Health," and should be taken at completion of program.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
 School Contact: ekarshin@emich.edu
 Website: <http://www.emich.edu/hphp/>

Adviser Information:

Joan Cowdery
jcowdery@emich.edu

Minor Requirements: 24 hours

- HLED 270 - Principles of Health Education 3 hrs
- HLED 305 - Current Health Issues I 3 hrs
- HLED 315 - Current Health Issues II 3 hrs
- HLED 325 - Instructional Skills and Strategies for Health Education 3 hrs
- HLED 355 - Health Education Program Planning 3 hrs
- HLED 450 - Health Education Assessment 3 hrs
- HLED 460 - Concepts in Sexuality Education 3 hrs
- HLED 490 - Drug Use and Abuse 3 hrs

Minor Total: 24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Students are required to earn a "C" grade or better in all HLTT minor courses.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Physical Education Minor

Successful completion of this minor, in the context of other program requirements, qualifies the student for recommendation for endorsement in physical education, certification code MB, according to their major area of study (i.e. a secondary education major will receive a secondary education endorsement). The Michigan Test for Teacher Certification (MTTC) covering this field is #044, "Physical Education," and should be taken at the completion of the program.

School of Health Promotion and Human Performance Information:

School Director: Christine Karshin
 School Contact: ckarshin@emich.edu
 Website: <http://www.emich.edu/hphp/>

Minor Requirements: 25 hours

- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs
- PHED 260 - Motor Development 2 hrs
- PHED 300 - Physiology of Exercise 4 hrs
- PHED 315 - Methods of Teaching Conditioning Activities 2 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PHED 415 - Curriculum and Instruction in Physical Education 3 hrs

One course from the following:

- PHED 215 - Methods of Teaching Individual Sports 3 hrs
- PHED 217 - Methods of Teaching Team Sports 3 hrs

Minor Total: 25 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that

they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Athletic Training

ATTR 201 - Human Anatomy for Sports Medicine

Required lecture course for sports medicine majors that examines the structure of the human body. In addition to lecture format, computer graphic software will be utilized to enhance the learning process.

Credit Hours: 3 hrs

Prerequisite: departmental permission and 2.5 GPA in sports medicine

Corequisites: ATTR 202

Cross-Listed with: SPMD 201

Last Updated: 2/28/2011

ATTR 202 - Human Physiology for Sports Medicine

Required lecture course for sports medicine majors that examines the structure and function of the human body.

Credit Hours: 3 hrs

Prerequisite: departmental permission and 2.5 GPA in sports medicine

Corequisites: ATTR 201

Class Restrictions: Sophomore standing or above

Cross-Listed with: SPMD 202

Last Updated: 2/28/2011

ATTR 219 - Introduction to Athletic Training

An introduction designed to expose the student to the discipline of athletic health care. The student will study modern concepts of the prevention and care of athletic injury and common health care issues.

Credit Hours: 3 hrs

Prerequisite: SPMD 119

Last Updated: 2/28/2011

ATTR 225 - Practicum I

A required course that will provide students with information regarding basic skills of athletic training. The content of the course will involve taping and wrapping skills, stethoscope and blood pressure measurement techniques, basic modality usage, record keeping, OSHA training and ambulatory aid fitting and usage.

Credit Hours: 3 hrs

Prerequisite: GPA 2.8, SPMD 119 and department permission

Last Updated: 2/28/2011

ATTR 290 - Practicum II

Students will be provided with an athletic training experience under the direct supervision of a certified athletic trainer. The content of the course will involve topical anatomy identification and assessment, situational orthopedic assessment, development of taping, padding and bracing skills, emergency care and professional CPR training. The clinical component will require a minimum of 15 hours per week.

Credit Hours: 2 hrs

Prerequisite: ATTR 225, 2.9 GPA and department permission

Corequisites: ATTR 296 and ATTR 304

Major Restrictions: Athletic Training major

Last Updated: 2/28/2011

ATTR 295 - Assessment of Lower Body Injuries

A study of the principles, procedures and techniques that are commonly utilized in the recognition and assessment process of athletic injury to the lower body. Emphasis is placed on taking a history, physical examination and the special tests of athletic injury. The course is lecture and lab. However, demonstrations and practical skill analysis supplement the course.

Credit Hours: 3 hrs

Prerequisite: ATTR 290 and ATTR 296

Corequisites: ATTR 310, ATTR 321 and ATTR 326

Last Updated: 2/28/2011

ATTR 296 - Assessment of Upper Body Injuries

A study of principles, procedures and techniques that are commonly utilized in the recognition and assessment process of athletic injury to the upper body. Emphasis is placed on taking a history, physical examination and the special tests of athletic injury. The course is lecture and lab. However, demonstrations and practical skill analysis supplement the course.

Credit Hours: 3 hrs

Prerequisite: ATTR 219, ATTR 201, ATTR 202 and ATTR 225

Corequisites: ATTR 290 and ATTR 304

Last Updated: 2/28/2011

ATTR 304 - Structural Kinesiology

This course involves a study of the basic functional anatomy and kinesiology principles. Emphasis will be placed on musculoskeletal anatomy including, muscle origins and insertions. Additionally, special attention will be placed on joint motion identification and quantification. An understanding of basic bio-mechanics principles will also be covered, as well as general body movement analysis.

Credit Hours: 3 hrs

Prerequisite: ATTR 201, ATTR 202, ATTR 219 and ATTR 225

Corequisites: ATTR 290 and ATTR 296

Last Updated: 2/28/2011

ATTR 310 - Emergency Care in Athletic Training

Students will learn how to handle emergency situations in the arena of athletic training. This will include skills in spine boarding, oxygen administration and more advanced emergency skills. Students will also learn how to perform the skills of CPR, rescue breathing and how to use an automatic defibrillator.

Credit Hours: 2 hrs

Corequisites: ATTR 295, ATTR 321 and ATTR 326

Major Restrictions: Athletic Training Majors only

Last Updated: 2/28/2011

ATTR 321 - Therapeutic Modalities for AT. with Lab

A detailed study of theory, applications, physiological effects, and indications and contradictions of commonly used therapeutic modalities in the practice of athletic training. A laboratory experience is included for "hands on" experience.

Credit Hours: 3 hrs

Prerequisite: ATTR 290, ATTR 296 and ATTR 304

Corequisites: ATTR 295, ATTR 310 and ATTR 326

Major Restrictions: Athletic Training Majors only

Last Updated: 2/28/2011

ATTR 322 - Therapeutic Exercise for Athletic Trainers with Lab

A study of the principles of applications, physiological effects and indications and contraindications of commonly used therapeutic exercise methods in the practice of athletic training. Students will be exposed to theory as well as practical applications of the rehabilitation techniques.

Credit Hours: 3 hrs

Prerequisite: ATTR 295 and ATTR 296

Corequisites: ATTR 327 and ATTR 419

Major Restrictions: Athletic Training major

Last Updated: 2/28/2011

ATTR 326 - Practicum III

A course designed to provide students with an athletic training experience under the direct supervision of a certified athletic trainer. The content of the course will involve situational orthopedic assessments (upper and lower extremity), review of therapeutic modalities, skill development in orthotic fabrication, imaging and special testing methods, nutritional aspects of sport, substance abuse counseling and exposure to general medical situations. The clinical component will require a minimum of 15 hours per week.

Credit Hours: 2 hrs

Prerequisite: ATTR 290

Corequisites: ATTR 310, ATTR 321 and ATTR 295

Major Restrictions: Athletic Training Majors only

Last Updated: 2/28/2011

ATTR 327 - Practicum IV

The course will provide students with an athletic training experience under the direct supervision of a certified athletic trainer. Course content will include orthopedic assessments, therapeutic modalities, pharmacological knowledge/application, and emergency situations. There will be skill development in the areas of strength/conditioning, rehabilitation and general medical conditions. The clinical component will require a minimum of 15 hours per week.

Credit Hours: 2 hrs

Prerequisite: ATTR 326 and department permission

Corequisites: ATTR 322 and ATTR 419

Major Restrictions: Athletic Training Majors only

Last Updated: 2/28/2011

ATTR 384 - Ergogenic Aids and Athletic Performance

The course will be designed to increase the student's awareness of nutritional and pharmacological supplements relative to athletic participation. A strong emphasis will also be placed on educating students in areas of performance enhancement through psychological intervention, nutritional planning and various strength and conditioning methods. Guest speakers and in-class laboratory activities will be utilized to enhance the educational learning experience.

Credit Hours: 2 hrs

Prerequisite: ATTR 201, ATTR 202, DTC 204 and SPMD 280

Major Restrictions: Athletic Training Majors only

Last Updated: 2/28/2011

ATTR 390 - Senior Practicum

A course designed to provide students with an athletic training experience under the direct supervision of a certified athletic trainer. The content of the course will involve general medical assessments, therapeutic rehabilitation, strength/conditioning program development, skills assessment in eating disorders, psychosocial management of injuries and health care administration. The clinical component will require a minimum of 15 hours per week.

Credit Hours: 3 hrs

Prerequisite: ATTR 327, 3.0 GPA and department permission

Corequisites: ATTR 420 and ATTR 485

Major Restrictions: Athletic Training major

Last Updated: 2/28/2011

ATTR 419 - Medical Aspects of Athletic Training

To expose students to various medical specialties that an athletic trainer is likely to utilize as medical support staff. Students will learn to perform pre-participation examinations, basic medical evaluations and learn decision-making skills, including proper medical referrals. This course is primarily lecture and guest speakers from allied health professions.

Credit Hours: 3 hrs

Prerequisite: ATTR 295 and ATTR 296

Corequisites: ATTR 322 and ATTR 327

Major Restrictions: Athletic Training major

Last Updated: 2/28/2011

ATTR 420 - Administrative and Legal Aspects of Athletic Training

This course examines the administrative and legal issues surrounding the field of athletic training. Students will learn the basis of management, program management, human resource management, finance resource management, facility design and planning,

information management, athletic injury insurance and legal considerations and how these apply to the profession to athletic training.

Credit Hours: 2 hrs

Prerequisite: ATTR 327 and department permission

Corequisites: ATTR 390 and ATTR 485

Class Restrictions: Senior standing

Major Restrictions: Athletic Training major

Last Updated: 2/28/2011

ATTR 485 - Seminar in Athletic Training

A course designed to prepare students for the internship experience and future employment in the athletic training profession. The three major components of the course include professional preparation, administrative principles and procedures, and certification examination preparation. The course delivery includes computer simulations, role-playing, collaborative interaction and individual activities.

Credit Hours: 3 hrs

Prerequisite: ATTR 327 and department permission

Corequisites: ATTR 390 and ATTR 420

Class Restrictions: Senior standing

Major Restrictions: Athletic Training major

Last Updated: 2/28/2011

ATTR 490 - Internship — Athletic Training

The course is clinical experience to be conducted at an off-campus agency. The agency provides direct supervision at the site. The student will be expected to increase his/her skills and knowledge in the domains of athletic training. This course will segue the Athletic Training student into the health care arena.

Credit Hours: 6 hrs

Prerequisite: department permission

Major Restrictions: Athletic Training major

Athletics

ATHL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ATHL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ATHL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ATHL 261 - Techniques of Officiating I

An elective course offered to men and women students interested in pursuing officiating as an avocation or as an integral part of a coaching background. The course covers football and men's and women's basketball. Registration with the Michigan High School Athletic Association will be available.

Credit Hours: 2 hrs

ATHL 262 - Techniques of Officiating II

An elective course offered to men and women students who are interested in pursuing officiating as an avocation. The course would also be valuable to those students who are interested in coaching, as the coach-official relationship is a valuable tool in one's coaching background. The sports covered are: track and field, baseball and softball. There will be a practical phase as well as a lecture phase of instruction.

Credit Hours: 2 hrs

ATHL 263 - Theory of Football

Lecture course covering the basic fundamentals and styles of offensive and defensive football.

Credit Hours: 2 hrs

ATHL 264 - Theory of Soccer

The purpose of this course is to explore the theory of soccer from its history to the energy demands of the sport to its mental preparation as well as its technical structure. The course will rely on the latest research on the game and look for applied solutions to the problems that arise from the data. Technical and tactical theories will cover systems of play, passing and support to attacking and defending. Notational analysis will be used during laboratory sessions to further understand the sport.

Credit Hours: 3 hrs

ATHL 265 - Theory of Baseball

The fundamental skills and strategy of baseball for the prospective teacher and coach.

Credit Hours: 2 hrs

ATHL 267 - Theory of Basketball

Lecture course covering the basic fundamentals and styles of offensive and defensive basketball.

Credit Hours: 2 hrs

ATHL 268 - Theory of Coaching Swimming

ATHL268 is a lecture course for anyone who might coach swimming. The topics covered are stroke technique, applied physiology, strength and flexibility training, rules and how these components contribute to a daily, weekly and seasonal training plan.

Credit Hours: 2 hrs

ATHL 269 - Theory of Track and Field

The fundamental techniques for coaching and administering programs of track and field for the prospective teacher and coach.

Credit Hours: 2 hrs

ATHL 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ATHL 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ATHL 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ATHL 317 - Theory of Coaching Individual Sports for Women

Coordinates, correlates and supplements skills and information already conveyed in badminton, golf, tennis and archery activity classes. Place of individual sports in the school intramural and interschool programs, lesson plans, unit plans, techniques and strategies of advanced play, organization of a large class, evaluation of current literature pertinent to each activity.

Credit Hours: 2 hrs

ATHL 318 - Theory of Coaching and Teaching Women's Team Sports

Coordinates, correlates and supplements skills and coaching techniques introduced in activity courses. Field sports, volleyball and basketball.

Credit Hours: 2 hrs

ATHL 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ATHL 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ATHL 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ATHL 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

ATHL 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

ATHL 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

ATHL 497 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: department permission

ATHL 498 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: department permission

ATHL 499 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Exercise Science and Athletic Training

SPMD 119 - Orientation to Sports Medicine

A class for students interested in sports medicine. An introductory course to orient students to the specialized major areas of athletic training and exercise science.

Credit Hours: 1 hr

SPMD 144 - Introduction to Exercise Science

A required course for students interested in majoring in Exercise Science. Instruction will focus on program and professional issues, the basic concepts of exercise physiology and career preparation.

Credit Hours: 2 hrs

Last Updated: New Course 03/2012

SPMD 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SPMD 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SPMD 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SPMD 201 - Human Anatomy for Sports Medicine

Required lecture course for sports medicine majors that examines the structure of the human body. In addition to lecture format, computer graphic software will be utilized to enhance the learning process.

Credit Hours: 3 hrs

Prerequisite: BIO 105 or BIO 110, departmental permission and 2.5 GPA in Exercise Science

Corequisites: SPMD 202

Cross-Listed with: ATTR 201

Course Revisions:

Course Revisions: This course will have a prerequisite change from "BIO 105 or BIO 110, departmental permission and 2.5 GPA in Exercise Science" to "BIO 105 or BIO 110, CHEM 120 or CHEM 121/122, departmental permission and 2.5 GPA in Exercise Science," effective Winter 2013.

Last Updated: Prerequisite Change 04/2012, effective Winter 2013; Links 03/2011

SPMD 202 - Human Physiology for Sports Medicine

Required lecture course for sports medicine majors that examines the structure and function of the human body.

Credit Hours: 3 hrs

Prerequisite: BIO 105 or BIO 110, departmental permission and 2.5 GPA in Exercise Science

Corequisites: SPMD 201

Cross-Listed with: ATTR 202

Course Revisions:

Course Revisions: This course will have a prerequisite change from "BIO 105 or BIO 110, departmental permission and 2.5 GPA in Exercise Science" to "BIO 105 or BIO 110, CHEM 120 or CHEM 121/122, departmental permission and 2.5 GPA in Exercise Science," effective Winter 2013.

Last Updated: Prerequisite Change 04/2012, effective Winter 2013; Links 03/2011

SPMD 221 - Therapeutic Modalities for Athletic Trainers

A detailed study, with laboratory experiences, of theory, applications, physiological effects, indications, and contraindications of commonly used therapeutic modalities in the practice of athletic training.

Credit Hours: 2 hrs

Prerequisite: SPMD 119

Last Updated: Links 03/2011

SPMD 269 - Anatomy and Physiology for Dietetics

This course will provide an essential examination of the structure and function of the human organism. Emphasis will be placed on the interactions of the body systems, and all aspects of anatomy and physiology will be presented as they relate specifically to the dietetics curriculum.

Credit Hours: 3 hrs

SPMD 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SPMD 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SPMD 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SPMD 280 - Pharmacology for Sports Medicine

Provides basic components of pharmacology, theories of drug actions, physiological processes mediating drug actions, variables affecting drug actions, benefits plus unusual and adverse drug therapy responses. Physiological and cultural aspects of drug therapy and self-medication are explored.

Credit Hours: 2 hrs

Prerequisite: BIO 105 or BIO 110, SPMD 202/ATTR 202, CHEM 120 or CHEM 121

Last Updated: Links 03/2011

SPMD 300 - Physiology of Exercise

A lecture/laboratory course concerned with human responses and adaptations to muscular activity. The enhancement of health and physical fitness for the general population, optimizing performance in the various types and levels of competitive athletics.

Credit Hours: 4 hrs

Prerequisite: SPMD 201/ATTR 201 and SPMD 202/ATTR 202 or equivalent (BIO 251 & BIO 252)

Cross-Listed with: PHED 300

Last Updated: Links 03/2011

SPMD 305 - Kinesiology-Tissue Mechanics

A required course for majors in the sports medicine program. Instruction will focus on the laws of physics as they are adapted to explain motion and human performance.

Credit Hours: 3 hrs

Prerequisite: SPMD 201/ATTR 201, SPMD 202/ATTR 202 and PHY 221

Last Updated: Links 03/2011

SPMD 318 - Laboratory in Human Anatomy

A laboratory of gross anatomy utilizing computer graphic software and/or plasticized modes. Material is designed to accompany the lecture material in SPMD 201.

Credit Hours: 2

Prerequisite: BIO 105 or BIO 110

Corequisites: SPMD 201

Last Updated: 2/7/2011

SPMD 325 - Practicum in Exercise Science

A 120-hour observational experience in a department-approved agency under the supervision of certified personnel. Areas of observation may include but are not limited to cardiac rehabilitation, wellness center management, worksite health promotion or strength and conditioning.

Credit Hours: 2 hrs

Prerequisite: SPMD 300 and department permission

Major Restrictions: Exercise Science major

Last Updated: Links 03/2011

SPMD 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SPMD 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SPMD 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SPMD 380W - Behavioral Aspects of Sports Medicine (Gen Ed Area I, W)

A course to teach student psychological skills that can be applied to facilitate the rehabilitation process. The student will be able to motivate patients/injured athletes to adhere to their treatment program, manage their illness/pain more effectively and rebuild their confidence in their physical skills.

Credit Hours: 3 hrs
Prerequisite: PSY 101

Last Updated: Links 03/2011

SPMD 407 - Fitness Center Management

This course examines the role of fitness in worksite health promotion and disease prevention. Coursework will emphasize the effective management and implementation of corporate fitness programs, as well as the health and economic benefits of physical activity in the workplace.

Credit Hours: 3 hrs
Prerequisite: Department permission
Class Restrictions: Junior or Senior status
Major Restrictions: Sports Medicine-Exercise Science, Health Education or Sport Management
Last Updated: February 27, 2011; effective Spring 2011

SPMD 410 - Laboratory Techniques in Human Performance Analysis

A lecture and laboratory course that emphasizes exercise testing and assessment techniques. Specific instruction will focus on assessing anaerobic capacity, indirect and direct measures of aerobic capacity, graded exercise testing, various body composition techniques and strength and flexibility assessment.

Credit Hours: 4 hrs
Prerequisite: PHED 300/SPMD 300 and candidacy
Last Updated: Links 03/2011

SPMD 430 - Principles of Electrocardiography

A three-hour undergraduate course on the basics of electrocardiography. The student will learn the basic concepts of conduction, rate, rhythm, axis determination, hypertrophy infraction and the effects of drug therapy.

Credit Hours: 3 hrs
Prerequisite: PHED 300/SPMD 300 and candidacy
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Graduate Credit 07/2011; Links 03/2011

SPMD 431 - Pathophysiology for Sports Medicine

A required course for sports medicine majors that relates normal body functioning to the physiologic changes that occur as a result of injury and disease, and examines the effects of physical activity on these processes.

Credit Hours: 3 hrs
Prerequisite: PHED 300/SPMD 300 and candidacy
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Graduate Credit 07/2011; Links 03/2011

SPMD 432 - Introduction to Exercise Programming

A required course for students majoring in exercise science. This course provides information needed to develop, implement, and manage exercise programs in a variety of settings. Within the context of each program setting the following issues will be

discussed: 1) the health screening; 2) implementation and management of the exercise prescription; 3) identification and development of exercise leadership skills; and 4) exercise compliance issues.

Credit Hours: 3 hrs

Prerequisite: SPMD 410 and candidacy

Last Updated: Links 03/2011

SPMD 433 - Principles of Strength and Conditioning

The purpose of this course is to have the student integrate components within the discipline of exercise science (e.g., exercise physiology, biomechanics, growth and maturation, nutrition, etc.) and demonstrate an understanding of their utility in the design and implementation of aerobic and anaerobic exercise programming. Special emphasis will be placed within the area of resistance training, and the opportunity to prepare for professional fitness certification.

Credit Hours: 3 hrs

Prerequisite: (SPMD 305 or PHED 204), PHED 300/SPMD 300

Class Restrictions: Junior or Senior standing or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 03/2011

SPMD 434 - Introduction to Echocardiography

This course is designed to give students the fundamental background in echocardiography, cardiac anatomy and function, cardiac disease states and proper terminology which will allow students entering the health care professions the ability to understand and analyze a basic two-dimensional echocardiogram.

Credit Hours: 2 hrs

Prerequisite: SPMD 430

Last Updated: Links 03/2011

SPMD 477 - Special Topics

Offered on an experimental basis for one semester for purposes of meeting special needs and/or innovations.

Credit Hours: 1 hr

SPMD 478 - Special Topics

Offered on an experimental basis for one semester for purposes of meeting special needs and/or innovations.

Credit Hours: 2 hrs

SPMD 479 - Special Topics

Offered on an experimental basis for one semester for purposes of meeting special needs and/or innovations.

Credit Hours: 3 hrs

SPMD 480 - Internship — Exercise Science

A 600-hour full semester field experience in a department-approved agency under the supervision of certified personnel. Areas of specialization include but are not limited to cardiac rehabilitation, wellness center management, worksite health promotion or strength and conditioning.

http://www.emich.edu/hphp/pdf/es_student_intern_manual.pdf

Credit Hours: 8 hrs

Prerequisite: Candidacy and department permission

Last Updated: Links 03/2011

SPMD 497 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SPMD 498 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPMD 499 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SPMD 508 - Exercise Epidemiology

SPMD 508 examines the relationship between physical activity and the burden of disease in the population. Specifically, activity's role in health promotion and disease prevention will be emphasized. Students will gain a basic understanding of the principles of epidemiology and specific measurements of physical activity in the population setting.

Credit Hours: 3 hrs

Prerequisite: PHED 300/SPMD 300

Last Updated: Added to Catalog 04/2012

SPMD 515 - Diabetes and Obesity

This course will provide students in clinical fields of study the knowledge and practical skills to understand the concepts of diabetes and obesity and the implications towards health status. In addition, the role of lifestyle modification will be examined in relation to managing both conditions and improving potential morbidity. Course available only to students in the Physical Education, Sports Medicine, Exercise Physiology, Health, Orthotics and Prosthetics, Dietetics, Nursing, Social Work, Occupational Therapy, Psychology and Biology programs.

Credit Hours: 3 hrs

Last Updated: Added to Catalog 04/2012

SPMD 518 - Sports Supplements

Graduate students interested in nutritional products that are purported to enhance athletic performance, further their understanding of exercise physiology through this course. Examination of research articles, student presentations, writing assignments and traditional lectures will enable the students to critically evaluate such compounds.

Credit Hours: 3 hrs

Prerequisite: PHED 300/SPMD 300 or equivalent

Last Updated: Added to Catalog 04/2012

General Activity

PEGN 101 - Weight Control and Fitness

The purpose of the course is to relate pertinent information about the effects of exercise and nutrition upon the human organism, to understand its structure, function, capabilities and limitations, and experience some of the effects of exercise and improved nutrition.

Credit Hours: 2 hrs

PEGN 102 - Aerobic Dance

A course in which the student can experience physical conditioning and fitness, utilizing dance and music as the medium for aerobic exercise.

Credit Hours: 1 hr

PEGN 103 - Ballroom Dance

Students will learn theory, technique and beginning patterns in merengue, swing, fox trot, waltz, tango and ballrooming.

Credit Hours: 1 hr

PEGN 104 - Cardio Kickboxing

A noncontact aerobic workout with the dynamic punching and kicking of the martial arts and boxing. Cardio Kick movements are very easy to follow and are choreographed to music.

Credit Hours: 1 hr

PEGN 106 - Kendo

This course introduces Kendo and the philosophy behind the Japanese culture of Bushido. Kendo is a martial art form that is focused on the development of the spirit as well as the physicality of the body.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 107 - Water Aerobics

This course will incorporate exercises designed to increase cardiovascular fitness, balance, flexibility, strength and muscular endurance. The class will utilize the shallow and deep areas of the pool. This is a class designed with low impact/no impact exercise for non-swimmers.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 108 - Basketball

The course is designed for the novice skilled player. The purpose is to learn the basics of individual and team play with emphasis on fundamentals.

Credit Hours: 1 hr

PEGN 110 - Beginning Tae Kwon Do

An introductory course showing the various techniques used in the art of self-defense. Students learn discipline, self-confidence and a vigorous physical activity.

Credit Hours: 1 hr

PEGN 111 - Volleyball

This course will provide opportunities to develop/improve basic volleyball skills, strategies and concepts via lecture, demonstration and laboratory experiences. The course is designed to enhance the student's performance and increase the enjoyment of participation.

Credit Hours: 1 hr

PEGN 112 - Spinning

A course designed to introduce indoor cycling as a workout along with core training exercises.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 113 - Core Training

This course is designed to introduce and teach students physical exercises and behaviors related to performance, care, and enhancement of the abdominal and lower back region of the human body. Coursework will include a review of basic functional

anatomy, concepts of resistance and aerobic exercise, and basic nutritional information.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 115 - Karate

This is a beginner's course in the art of self-defensive movements. The aim of self defense is to protect oneself from attack to the point where escape is possible. The student will be introduced to a variety of defensive movement.

Credit Hours: 1 hr

PEGN 116 - Bully Proofing

This course uses lecture, play-based activities and role playing to teach self-defense techniques to aid in developing lifelong communication, advocacy and physical skills that help "bully proof." This course focuses on enhancing emotional health, social skills, building relationships, self-defense skills, and the "judoka" develops confidence. The physical portion of the course includes training in judo which helps improve aerobic capacity, coordination and balance falling skills, efficiency of movement, flexibility and strength.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 118 - Mixed Martial Arts

This course introduces basics of both fighting on the ground and fighting from the standing position. Techniques covered include strikes, joint locks, throws, submission holds, pins, and pressure points with a focus on grappling and ground fighting. The standing portion features boxing that also includes strikes using the legs, the knees, the hands and the elbows.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 119 - Women's Gymnastics

An introductory course in the understanding of and participation in the various tumbling routines and apparatus used by women. Emphasis is on the ability to develop new skills and to provide an increase in the physical fitness of the participants.

Credit Hours: 1 hr

PEGN 122 - Men's Gymnastics I

This is a basic men's gymnastic skills class, and an introduction to the sport of gymnastics.

Credit Hours: 1 hr

PEGN 123 - Line Dance

Introduction to various types of line dances including country western, multicultural, contemporary club dances, as well as "classic" dances.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 124 - Fitness Walking

This course is designed to provide students with basic knowledge of physical fitness and healthy lifestyle principles. Power walking is a program that trains muscular strength and endurance, flexibility, cardiovascular endurance and promotes total body health.

Credit Hours: 1 hr

PEGN 126 - Conditioning Activities

A beginning course designed for students with limited or no experience in physical fitness conditioning activities. A variety of activities will be used to promote the skills and knowledge for individual use.

Credit Hours: 1 hr

PEGN 127 - Healthy Hearts

This course covers the essential elements of cardiovascular fitness and wellness, combining instructor lecture, small and large group discussion, activities, games, and personal assessments to achieve course objectives. Emphasis is placed on the prevention and control of cardiovascular problems through behavior modification and positive health practices.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 128 - Judo I

A beginning course in the martial arts of judo. Students will learn its history, as well as being able to demonstrate the various techniques.

Credit Hours: 1 hr

Last Updated: 04/2012

PEGN 129 - Kung Fu, Strength and Conditioning

This course teaches how to create a connection of well being within the individual such as: physical fitness for improving the body's ability to perform, as well as rehabilitation and injury prevention; mental awareness for a deeper level of concentration and understanding of one's potential; and connecting the mind and the body to achieve motion with greater ease, inner harmony, optimal health (mental and physical), and self-development.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 130 - Assault and Rape Prevention

A course designed to develop skills that will help a person to: (1) recognize possible dangers to property and self, (2) identify alternatives to physical aggression and (3) use appropriate self defense techniques when physical aggression cannot be avoided.

Credit Hours: 1 hr

PEGN 131 - Aikido I

Focuses on the objectives of Aikido: to strengthen students physically and mentally by increasing mental focus through the practice of its techniques. It is a non-competitive art of self-defense, which requires a high degree of concentration and timing. Training focuses on maintaining self-control and equanimity in any crisis situation, developing greater strength, flexibility and martial awareness.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 132 - Extreme Workout

This course is designed to provide advanced training concepts to educate the student how to create a comprehensive physical activity program for development of an extreme workout.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 133 - Women's Fitness

This course is designed to provide basic and advanced fitness concepts to educate female students how to develop a comprehensive physical activity program. Topics include basic components of fitness (cardiovascular, body composition, muscular strength, muscular endurance, and flexibility) as it relates to women's health.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 140 - Marching Band

A class taken by "Permission Only" from the Music and Dance Department. Those accepted will be part of the EMU Marching Band and are expected to be available for practices and performances.

Credit Hours: 1 hr

PEGN 142 - Racquetball and Paddleball

Students will learn the fundamental skills of forehand, backhand and serving. The student will also be responsible for learning the basic rules, strategies and scoring before being given an opportunity to compete with fellow classmates.

Credit Hours: 1 hr

PEGN 143 - Fencing

An introductory course in the history of fencing and the fundamental skills and techniques for use of the foil. Emphasis is placed on the individual body movements and skills for a novice.

Credit Hours: 1 hr

PEGN 145 - Cross-Country Skiing

A course to give the student fundamental knowledge of cross-country skiing, covering: equipment, basic skills, waxing techniques, proper dress and survival. Students furnish their own equipment, or rental from the recreation area.

Credit Hours: 1 hr

PEGN 146 - Beginning Snow Skiing

A class designed to provide instruction in the basic fundamentals of downhill snow skiing at a recreational level.

Credit Hours: 1 hr

PEGN 148 - Tennis

This course is designed to promote skill development in the basic tennis strokes and to promote an understanding of rules, etiquette, scoring, strategies and singles and doubles play.

Credit Hours: 1 hr

PEGN 149 - Badminton

A beginning course in badminton to develop sufficient skill and knowledge to permit a person to enjoy it as a recreational sport. Students will learn the basic badminton strokes, scoring procedures, rules and etiquette.

Credit Hours: 1 hr

PEGN 150 - Golf

An introductory course focusing on basic instruction on the golf swing, woods and iron play, chipping, putting and playing from the sand. The course also covers golf etiquette and discusses different types of equipment used in today's game. The commercial establishment charges an extra fee.

Credit Hours: 1 hr

PEGN 151 - Bowling

This course is designed for the beginning bowler. The student will learn basic knowledge of all aspects of bowling to include: skills, scoring, rules, etiquette and common conversions. The commercial establishment charges an extra fee.

Credit Hours: 1 hr

PEGN 152 - Sailing

This course is designed for the novice/beginning sailor. The course will provide opportunities to develop basic sailing skills via lecture, demonstration and practical experience.

Credit Hours: 1 hr

PEGN 153 - Swimming

A course for those who cannot swim or are novice swimmers, to enhance their ability to enjoy water and its recreational fitness. The student will learn to practice safe habits and increase their knowledge and ability to swim using a variety of elementary strokes.

Credit Hours: 1 hr

PEGN 157 - Rape Aggression Defense System

This course is designed to help build self-confidence, self-esteem, and physical skills to reduce the risk of experiencing an assault. Included in this course is learning to identify characteristics of perpetrators and assault situations.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 171 - Nia

Nia is a holistic approach to lifestyle and fitness that blends movement principles from dance, healing and martial arts. It increases body awareness and enhances endurance, strength, flexibility and balance in body, mind, emotions and spirit.

Credit Hours: 1 hr

PEGN 172 - Capoeira

This course will introduce students to the Afro-Brazilian martial art, Capoeira Mandinga. Basic concepts of the movement, history and music of Capoeira will be presented with emphasis on the traditions that are followed within the martial art. Calisthenics are necessary for effective class participation.

Credit Hours: 1 hr

PEGN 173 - Judo II

Judo II is designed to further familiarize students with physical Judo theory and technique, specifically naga waza and katame no kata. The physiological principles tantamount to Judo are discussed. Further, functional methodology in regard to Judo training methods is presented in traditional fashion and at the same time offering a new concept of training.

Credit Hours: 1 hr

Prerequisite: PEGN 128

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 174 - Leading Creative Play

This course is designed to develop your skills in leading activity and games. It will review theories of game and activity leadership and allow the student to put those theories into practice by demonstrating their abilities and leading a variety of activity experiences during the class.

Credit Hours: 1 hr

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 177 - Special Topics

A one-, two- or three-hour experimental course of a subject to be listed by title.

Credit Hours: 1 hr

PEGN 178 - Special Topics

A one-, two- or three-hour experimental course of a subject to be listed by title

Credit Hours: 2 hrs

PEGN 179 - Special Topics

A one-, two- or three-hour experimental course of a subject to be listed by title

Credit Hours: 3 hrs

PEGN 180 - Yoga

This course is designed to teach the student the five key elements of yoga. It will include exercises, breathing, relaxation and meditation techniques.

Credit Hours: 1 hr

PEGN 190 - Extramural Club Sports

The purpose of this course is to promote physical activity by participation in extramural club sports recognized by Campus Life, and the Rec/IM Department. Students will be required to attend all practices and club organized competitions throughout the semester.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PEGN 193 - Swing Dance I

This course is designed to teach students the theory, technique and beginning patterns in triple time and single time swing, West Coast swing, the hustle and ballrooming.

Credit Hours: 1 hr

PEGN 201 - Fitness Activities

This course is designed to provide students with a background in physical fitness, exercise and health principles and practices. These principles will be applied to personal exercise and health programs through activities such as target heart rate monitoring, body measurements, posture analysis, energy intake and expenditure assessment.

Credit Hours: 1 hr

PEGN 203 - Latin Dance

This course is designed to provide students with the technical and foundations in Latin dance. This is a beginning level course.

Credit Hours: 1 hr

PEGN 204 - Lifeguard Training

This course introduces knowledge and skills needed to prevent and respond to aquatic emergencies. The course content and activities prepare participants to recognize and respond quickly and effectively to emergencies and prevent drowning and injuries.

Credit Hours: 2 hrs

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 206 - Fitness Instructor and Personal Trainer Certification Preparation

This course is designed to provide theoretical knowledge and practical skills in preparation for a national certification exam in personal training. Topics include guidelines for instructing safe, effective, and purposeful exercise, essentials of the client-trainer relationship, conducting health and fitness assessments, and designing and implementing appropriate physical exercise programming.

Credit Hours: 3 hrs

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 210L - Lifetime Wellness and Fitness (Gen Ed Area V LBC)

A lecture course covering the essential elements of wellness and fitness. The course is geared toward entering freshmen.

Credit Hours: 2 hrs

Last Updated: Links 03/2011

PEGN 211 - Intermediate Volleyball

An advanced course designed to develop and increase the students' ability to perform specific skills necessary for participation in the game of volleyball. The intermediate skills plus offensive and defensive strategies will be stressed.

Credit Hours: 1 hr

PEGN 215 - Tai Chi

A course designed to explore the Yang family style of Tai Chi Chuan. Students will focus on the basic long form with ancillary experiences in two person play, balance and coordination exercises and some philosophy. Beginning and continuing levels offer opportunities to develop and further skills.

Credit Hours: 1 hr

PEGN 220 - Varsity Rifle Team

This course is a coed rifle team. The course of instruction will cover the fundamentals of rifle marksmanship and firearms safety. It will focus on the National Rifle Association (NRA) basic rifle course, NCAA rifle team guidelines and the NRA small bore rifle rules for competition. The team practices and competes using three positions, which are the prone, standing (off-hand) and

kneeling positions. Throughout the course, safety and the proper use of equipment are reinforced. The majority of competitions are held on campus.

Credit Hours: 1 hr

Prerequisite: department permission

PEGN 222 - Men's Gymnastics II

This is a continuation of the knowledge and skills learned in Gymnastic I, and applied to more advanced routines on the different apparatus.

Credit Hours: 1 hr

PEGN 224 - Jogging

A course designed to provide the student with endurance training experience through jogging. The students will receive information regarding the control of intensity, duration and frequency of endurance type exercise in the promotion of optimal cardio-respiratory fitness.

Credit Hours: 1 hr

PEGN 226 - Weight Training

A beginning course for the student to gain knowledge and skills that will permit a novice to organize a personal weight training program, and measure the effects of such a program on his/her physical fitness components.

Credit Hours: 1 hr

PEGN 229 - Varsity Soccer

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of soccer. Permission required.

Credit Hours: 1 hr

PEGN 230 - Varsity Cross Country

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of cross country. Permission required.

Credit Hours: 1 hr

PEGN 231 - Varsity Football

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of football. Permission required.

Credit Hours: 1 hr

PEGN 232 - Varsity Basketball

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of basketball. Permission required.

Credit Hours: 1 hr

PEGN 233 - Varsity Swimming

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of swimming. Permission required.

Credit Hours: 1 hr

PEGN 234 - Varsity Gymnastics

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of gymnastics. Permission required.

Credit Hours: 1 hr

PEGN 235 - Varsity Wrestling

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of wrestling. Permission required.

Credit Hours: 1 hr

PEGN 236 - Varsity Track

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of track. Permission required.

Credit Hours: 1 hr

PEGN 237 - Varsity Baseball

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of baseball. Permission required.

Credit Hours: 1 hr

PEGN 238 - Varsity Golf

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of golf. Permission required.

Credit Hours: 1 hr

PEGN 239 - Varsity Tennis

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of tennis. Permission required.

Credit Hours: 1 hr

PEGN 240 - Varsity Volleyball

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of volleyball. Permission required.

Credit Hours: 1 hr

PEGN 242 - Varsity Softball

A planned program to teach and develop the advanced skills and strategies necessary for participation in the collegiate level competition of softball. Permission required.

Credit Hours: 1 hr

PEGN 256 - Basic River Kayak

The basic river kayak course is a program emphasizing safety, enjoyment and skill acquisition for entry-level through intermediate levels for individuals in public, private and commercial settings.

Credit Hours: 1 hr

PEGN 277 - Special Topics

A one-hour experimental course of a subject to be listed by title.

Credit Hours: 1 hr

PEGN 278 - Special Topics

A two-hour experimental course of a subject to be listed by title.

Credit Hours: 2 hrs

PEGN 279 - Special Topics

A three-hour experimental course of a subject to be listed by title.

Credit Hours: 3 hrs

PEGN 310 - Intermediate Tae Kwon Do

A continuum of the beginning tae kwon do (TKD) course designed for students who have mastered the initial skills and wish to advance their knowledge and skills towards a higher TKD-ability class belt.

Credit Hours: 1 hr

PEGN 348 - Basic Scuba Diving

This course will provide the student with the knowledge and skills to safely enjoy and gain limited experience in the diving environment under normal open water diving conditions. The course prepares students for open-water scuba diving certification by the Professional Associate of Diving Instructors.

Credit Hours: 1 hr

PEGN 377 - Special Topics

A one-hour experimental course of a subject to be listed by title.

Credit Hours: 1 hr

PEGN 378 - Special Topics

A two-hour experimental course of a subject to be listed by title.

Credit Hours: 2 hrs

PEGN 379 - Special Topics

A three-hour experimental course of a subject to be listed by title.

Credit Hours: 3 hrs

PEGN 477 - Special Topics

A one-hour experimental course of a subject to be listed by title.

Credit Hours: 1 hr

PEGN 478 - Special Topics

A two-hour experimental course of a subject to be listed by title.

Credit Hours: 2 hrs

PEGN 479 - Special Topics

A three-hour experimental course of a subject to be listed by title.

Credit Hours: 3 hrs

PEGN 497 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation, and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PEGN 498 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation, and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PEGN 499 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation, and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Health Education

HLED 130 - Healthy Sexuality

This course examines a variety of topics and issues related to healthy sexuality. This is an elective course which is targeted towards freshmen. Methods include lecture, discussion, individual and group learning activities as well as use of the Internet.

Credit Hours: 3 hrs

HLED 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

HLED 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

HLED 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

HLED 210 - Standard American Red Cross First Aid

For all students interested in accident prevention and in the development of the knowledge and skills essential for the immediate care of the suddenly ill or injured. Readings, lectures and practical work. Certificates for Standard first aid and for cardiopulmonary resuscitation are awarded upon successful completion of the requirements for each.

Credit Hours: 2 hrs

HLED 250 - Communicable and Noncommunicable Diseases

This course will introduce students to common communicable and noncommunicable diseases. Identifying risk factors and prevention strategies will be emphasized. Methods include lecture, discussion, small group activities and the use of Web resources.

Credit Hours: 3 hrs

HLED 270 - Principles of Health Education

This course will provide students with an understanding of the professional roles and competencies of the health educator. Course content will address professional development, code of ethics, application of health education theory and recommendations for practice. Methods will include: lecture, student presentations, cooperative learning and observation of professional practice.

Credit Hours: 3 hrs

HLED 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

HLED 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

HLED 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

HLED 302 - From Host to Host: The Communicable Diseases

Various types of communicable diseases — childhood and young adulthood, skin, upper respiratory, gastrointestinal and sexually transmitted—their causes, modes of transmission, signs and symptoms, treatment, complications and means of control. Lectures, discussions, readings and audio-visual materials.

Credit Hours: 1 hr

HLED 305 - Current Health Issues I

This course offers a broad overview of several health education issues, including consumer health education, environmental health education, intentional injury, unintentional injury and emotional health. The course is intended for those entering the health education profession. Methods include lecture, discussion, active learning projects and advocacy.

Credit Hours: 3 hrs

HLED 315 - Current Health Issues II

This course offers a broad overview of several health education issues, physical activity, nutrition, dental health and the prevention of communicable and noncommunicable disease. The course is intended for those entering the health education profession. Methods include lecture, discussion, active learning projects and developing Web resources.

Credit Hours: 3 hrs

HLED 320 - Health Education in the Elementary Grades

This course is for students preparing to teach primary and intermediate grades. It focuses on the eight-component Coordinated School Health Program (CSHP) and how teachers can utilize this program for health promotion and disease prevention for their students. Methods include lecture, discussion and the use of Web resources.

Credit Hours: 2 hrs

Prerequisite: Admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

HLED 325 - Instructional Skills and Strategies for Health Education

This course is designed to prepare health minors to plan and implement instructional programs of quality comprehensive health education. Emphasis will be placed on development of materials as well as methods and strategies used to effectively teach K–12 health education. Methods include: lecture, cooperative learning, student presentations and peer evaluation.

Credit Hours: 3 hrs

Prerequisite: HLED 270 and HLED 305 or HLED 315

Last Updated: Links 04/2011

HLED 340 - Health Education and Nutrition: Enhancing Health and Fitness

This course offers a broad overview of nutrition and its application to enhancing healthy lifestyles. This course is intended for those entering health education or fitness-related fields who will have responsibility for educating future students or clients.

Methods include lectures, discussion, personal dietary analysis and the use of Web resources.

Credit Hours: 3 hrs

HLED 350 - Scientific Foundations in Health Education

This course will familiarize students with the scientific foundations of disease prevention and health promotion, focusing on risk and protective factors for leading causes of death and disability. This course is designed for health minors. Methods include lectures, discussion, personal health risk analysis and the use of Web resources.

Credit Hours: 3 hrs

HLED 355 - Health Education Program Planning

This course is designed to prepare school health and health minors to understand and develop the skills necessary to identify health needs, plan, implement and evaluate health education programs in the schools and in the community. Methods include: lecture, cooperative learning and student presentations.

Credit Hours: 3 hrs

Prerequisite: HLED 270 and HLED 305 or HLED 315

Last Updated: Links 04/2011

HLED 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

HLED 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

HLED 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

HLED 380 - Psychosocial Health and Service Learning

The mental/intellectual, psychological/emotional, social and spiritual dimensions of health will be explored as they affect the health of the human being; specifically to physiological functioning. Students will explore self-assessment for aspects of their psychosocial health and complete a service-learning project.

Credit Hours: 3 hrs

Prerequisite: HLED 350
Last Updated: Links 04/2011

HLED 399 - Teaching about AIDS

A course for prospective teachers, nurses or others who want to examine the issues pertaining to teaching about AIDS prevention. Includes curriculum, methods and resources.

Credit Hours: 1 hr

HLED 402 - Selecting Health Products and Services

The development of skills in making wise selections of health products and services. Characteristics of the health consumer, consumer protection agencies and laws, quackery, evaluation of health products and services.

Credit Hours: 3 hrs

HLED 420 - Health and Aging

A study of some of the major physiological aspects of aging. A review of the basic systemic anatomy and physiology necessary to understand the major aspects of biological aging and the chronic diseases associated with aging. For the general student.

Credit Hours: 3 hrs

HLED 450 - Health Education Assessment

This course provides an introduction to the use of assessment strategies for health education. Methods include lecture, discussion and active learning projects.

Credit Hours: 3 hrs

Prerequisite: HLED 325

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

HLED 460 - Concepts in Sexuality Education

This course examines the biological and behavioral dynamics of human sexuality and sexuality education with the identification and examination of contemporary issues. Emphasis will be placed on sexuality education in schools and the community. Methods include: lecture, small group discussion, computer applications and student presentations.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or above

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HLED 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

HLED 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

HLED 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

HLED 480 - Stress Management for Teachers

This course will introduce students to the relationship between stress and health. Stress management techniques will be emphasized. Methods include lectures, discussion, cooperative learning strategies, personal exploration, lesson plan creation and using Web resources.

Credit Hours: 1 hr

HLED 481 - Life Loss Education for Teachers

This course is designed to familiarize teachers and preservice teachers with the skills, resources and activities needed to assist the school age child with the issues of loss, grief and trauma. Methods include; lecture, discussion, self-assessment, cooperative group activities, role-play and the World Wide Web.

Credit Hours: 1 hr

HLED 482 - Conflict Resolution for Teachers

This course is designed to familiarize teachers and preservice teachers with the skills needed for healthy and peaceful resolution of conflict. Methods include; lecture, discussion, self-assessment, cooperative group activities, role-play and the World Wide Web.

Credit Hours: 1 hr

HLED 490 - Drug Use and Abuse

This course offers a broad overview of drug use. Historical perspectives of current problems, pharmacology of drugs commonly used and abused, physiological and psychological factors related to abuse, substance abuse prevention programs, treatment and drugs and the law are all addressed. Methods include: lecture, small group discussion, and student presentations.

Credit Hours: 3 hrs

Class Restrictions: sophomore standing or above

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

HLED 495 - Health Education for Diverse Populations

This course is designed to help students identify, and develop, effective health education programming that will lead to the reduction of health disparities which exist in diverse populations. Methods will include lecture, discussion and classroom activities designed to enhance application of course content.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or above

HLED 497 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: department permission

HLED 498 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: department permission

HLED 499 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: department permission

Physical Education

PEGN 114 - Exercise Equipment Selection and Usage

This course introduces benefits of basic types of anaerobic and aerobic training. Includes, discussion and selection of proper equipment for the desired type of training and identification of possible problems that can arise during training.

Credit Hours: 1 hr

Last Updated: New Course, 11/2012, effective Winter 2013

PEGN 125 - Family Fitness

This course offers a lecture and practical perspective to family fitness. Health and fitness considerations, safety concerns, training concepts, and other relevant issues will be covered. The above objectives will be met through lectures, discussions, handouts, and practical activities.

Credit Hours: 1 hr

All PEGN activity courses are approved for LBC Group 1 credit

Last Updated: New Course, 11/2012, effective Winter 2013

PHED 100 - History and Foundations of Physical Education

A lecture and discussion course in the history and foundation of physical education. This course is an examination of the influence of selected cultures, peoples and events that have contributed to the development of the physical education discipline.

Credit Hours: 2 hrs

PHED 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

PHED 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

PHED 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

PHED 200 - Anatomy and Physiology

A textbook course, supplemented by lectures and demonstrations, on the structure and functions of the bones, joints and muscles and the organs of digestion, respiration and excretion.

Credit Hours: 5 hrs

PHED 204 - Kinesiology (Biomechanics of Physical Activity)

A required class for sports medicine and physical education majors/minors to scientifically analyze the techniques involved in the performance of human movement skills.

Credit Hours: 3 hrs

Prerequisite: PHED 200 or SPMD 201/ATTR 201 and SPMD 202/ATTR 202

Last Updated: Links 04/2011

PHED 209 - Bio-Fitness

Individual biological needs and how those needs are related to daily habits. Students will complete an individual fitness profile that will be the basis for understanding how desirable changes in fitness are achieved.

Credit Hours: 2 hrs

PHED 215 - Methods of Teaching Individual Sports

A required class for physical education majors/minors who are preparing to teach individual sports in the elementary and secondary schools. Instruction in the teaching, performance, analysis and evaluation of selected fundamental badminton, golf and tennis skills.

Credit Hours: 3 hrs

PHED 217 - Methods of Teaching Team Sports

A required class for physical education majors/minors who are preparing to teach in elementary and secondary schools. Instruction in the teaching, performance, analysis and evaluation of fundamental basketball, softball and volleyball skills will be presented.

Credit Hours: 3 hrs

PHED 219 - Methods of Teaching Rhythmic Activities, Fundamental Movement and Movement Education

A required class for physical education majors who are preparing to teach in elementary and secondary schools. Instruction will focus on the teaching, performance, analysis and evaluation of fundamental rhythmic, social dance, locomotor, nonlocomotor and manipulative skills and creative movement activities.

Credit Hours: 3 hrs

PHED 231 - Service Teaching

This is an individual program under the direction of a qualified faculty member, to enhance the student's ability to gain additional professional experience.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 233 - Service Teaching

For qualified students an additional opportunity to undertake an individualized program under the direction of a qualified faculty member.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 257 - Physical Education for the Classroom Teacher

A methods and materials course in which the prospective classroom teacher gains knowledge in organizing and implementing a physical education program. Not intended for students majoring in physical education.

Credit Hours: 2 hrs

PHED 260 - Motor Development

A required course for physical education majors and minors. Instruction will focus on principles of motor development, with implications for learning gross motor skills. Consideration of the factors associated with individual differences in attaining motor proficiency during childhood and adolescence will be examined.

Credit Hours: 2 hrs

Prerequisite: Permission required from physical education advisor

PHED 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

PHED 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

PHED 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

PHED 282 - Perceptual-Motor Training

Planning and effecting gross motor activity programs for students with neurological dysfunction. Assessment procedures and activity sequences. Supervised field experiences required.

Credit Hours: 1 hr

PHED 287 - Cooperative Education

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: Nine credit hours in concentration, approval by Cooperative Education Office, and department permission
Last Updated: Links 04/2011

PHED 300 - Physiology of Exercise

A lecture/laboratory course concerned with human responses and adaptations to muscular activity. The enhancement of health and physical fitness for the general population, optimizing performance in the various types and levels of competitive athletics.

Credit Hours: 4 hrs

Prerequisite: PHED 200 or SPMD 201/ATTR 201 and SPMD 202/ATTR 202

Cross-Listed with: SPMD 300

Last Updated: Links 04/2011

PHED 305 - Practical Concepts of Conditioning

A practical experience in applying the concepts and theories of conditioning to in-class situations as well as coaching. Programs such as interval training will be designed and experienced by the student for use in a particular situation.

Credit Hours: 2 hrs

Prerequisite: PHED 204 or department permission

Last Updated: Links 04/2011

PHED 312 - Athletic Training and Physiotherapy

For prospective coaches and physical educators. Principles and skills of athletic training and physiotherapy. Lectures, demonstration and practice of massaging, bandaging, taping and therapeutic measures as applied in athletic activities and injuries.

Credit Hours: 2 hrs

Prerequisite: PHED 200

Last Updated: Links 04/2011

PHED 313 - Methods of Teaching Gymnastics

A required class for Physical Education majors/minors who are preparing to teach in elementary and secondary schools. Instruction in the teaching, performance, analysis, and evaluation of fundamental gymnastics skills will be presented.

Credit Hours: 2 hrs

Prerequisite: PHED 204

Last Updated: Links 04/2011

PHED 315 - Methods of Teaching Conditioning Activities

A required lecture/laboratory class for physical education majors/minors who are preparing to teach in elementary and secondary schools. Instruction will focus on the practical application of physical fitness and wellness concepts.

Credit Hours: 2 hrs

Prerequisite: PHED 300/SPMD 300

Last Updated: Links 04/2011

PHED 316 - Foundations of Coaching

Practical and scientific information necessary for the implementation of a successful coaching program.

Credit Hours: 2 hrs

PHED 317 - Methods of Teaching Elementary Physical Education

A required course for physical education majors who are preparing to teach and direct physical education experiences for elementary school children. The course focuses on theory and practical experience in physical education in the elementary school. It presents a variety of activities and teaching styles needed to meet the needs of children in the elementary school years.

Credit Hours: 2 hrs

Prerequisite: PHED 260

Last Updated: Links 04/2011

PHED 319 - Methods of Teaching Aquatics

An elective course for physical education majors/minors. Aquatics covers the teaching of the four competitive swimming strokes; front crawl, back crawl, breast stroke and butterfly. In addition, life saving strokes, side-stroke and elementary backstroke are studied to prepare students to teach swimming in physical education classes.

Credit Hours: 2 hrs

PHED 330 - Adapted Physical Education

A lecture and participation course covering the philosophy and goals of adaptive physical education, the relationship of adaptive physical education to the general physical education program, the needs and characteristics of the students with disabilities, and the designing of exemplary adapted physical education programs. Supervised fieldwork required.

Credit Hours: 3 hrs

Prerequisite: PHED 260

Last Updated: Links 04/2011

PHED 331 - Service Teaching

Provides additional individual opportunities at an advanced level.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 333 - Service Teaching

For the advanced student who has shown some interest in undertaking a research project for professional development.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 353 - American Red Cross Lifeguarding

American Red Cross (ARC). This course covers CPR for the professional rescuer (CPR-PR), first aid and in-water rescue skills. ARC lifeguarding certificates are awarded upon successful course completion.

Credit Hours: 3 hrs

PHED 354 - American Red Cross Water Safety Instructor

The purpose of this course is to train instructor candidates to teach courses in the American Red Cross Swimming and Water Safety program by developing their understanding of how to use course materials, how to conduct training sessions and how to evaluate participant's progress. Demonstration, explanation, utilization of course manuals and materials, videos and digital video discs (DVDs), analysis and practice of teaching skills are used to carry out course objectives. American Red Cross certification in Fundamentals of Instructor Training (FIT) and Water Safety Instructor are offered upon successful completion.

Credit Hours: 2 hrs

Prerequisite: PEGN 153 or instructor permission

Last Updated: Links 04/2011

PHED 360 - Motor Learning

A required course for physical education majors. Instruction will focus on learning the processes underlying skilled performance, how skilled performances are learned and how to apply the principles of skilled performance and learning in teaching and coaching situations.

Credit Hours: 3 hrs

Prerequisite: PHED 260 or instructor permission

Last Updated: Links 04/2011

PHED 370 - Physical Education Applied Technologies

This required course provides an overview of how technology can be integrated into the physical education and coaching professions. Through the use of the World WideWeb,lecture/demonstrations and hands-on experiences, students use and evaluate a variety of software applicable to school and nonschool settings.

Credit Hours: 2 hrs

Prerequisite: Admission to the Initial Teacher Preparation Program

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

PHED 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

PHED 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

PHED 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

PHED 381 - Motor Development of the Young Child

A course designed specifically for early childhood minors and others interested in young children. A study of the sequential development of motor skills during early childhood with focus on children ages birth to eight years. Investigation and application of the major learning theories in relationship to motor behavior, with specific implications for motor development programs for students of different abilities. Methods of assessment and developmentally appropriate practices for planning and conducting movement curricula will be addressed.

Credit Hours: 3 hrs

Notes: No credit in PHED 260

Last Updated: Links 04/2011

PHED 387 - Cooperative Education in Physical Education

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: Nine credit hours in concentration, approval by Cooperative Education Office and department permission

Last Updated: Links 04/2011

PHED 388 - Assessment in Adapted Physical Education

A study of the process of assessing gross motor functioning of students who exhibit a variety of disabilities. Investigation of the legislative mandates requiring assessment and application of the latest assessment instruments for students with disabilities. Fieldwork required.

Credit Hours: 1 hr

Prerequisite: PHED 330

Class Restrictions: Sophomore, Junior or Senior standing

Last Updated: Links 04/2011

PHED 389 - Sport and Activity for the Disabled

A course designed to investigate sports organizations that serve people with disabilities. Topics to be explored include the role of the United States Olympic Committee (USOC), Group E members of the USOC and Committee on Sports for the Disabled, classification of athletes for competition, role of the National Governing Bodies in promoting sports and ways people with disabilities can access sports and noncompetitive opportunities.

Credit Hours: 1 hr

Prerequisite: PHED 330

Class Restrictions: Sophomore, Junior or Senior standing

Last Updated: Links 04/2011

PHED 400W - Philosophical Aspects of Physical Education and Sport (Gen Ed Area I, W)

This course challenges students to discover the essence of physical education and sports throughout philosophy. Students will examine why we play, what we value, who we are, how we know, through physical education. This lecture/discussion course is required for physical education majors.

Credit Hours: 2 hrs

Prerequisite: PHIL 100

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

PHED 405 - Women in Sports

Patterns, problems, and conditions associated with women's sports involvement in selected world cultures; the sportswoman in American society.

Credit Hours: 3 hrs

Cross-Listed with: WGST 405

Last Updated: Links 04/2011

PHED 415 - Curriculum and Instruction in Physical Education

Methods and use of materials in the teaching of activities in the elementary and secondary grades. Unit and lesson planning, classroom management, audio-visual aids. Observations of physical education classes at different levels required. Entry into College of Education required.

Credit Hours: 3 hrs

Prerequisite: PHED 260; admission to the Initial Teacher Preparation Program

Last Updated: Links 04/2011

PHED 421 - Legal Aspects of Sport, Physical Education, and Recreation

Individual rights, due process, selected legal concepts and principles, liability, safe environments, risk management, contracts, insurance and other selected topics.

Credit Hours: 2 hrs

Class Restrictions: Senior standing

PHED 434 - Adapted Preschool Physical Education

This course presents instructional strategies and curricular models of instruction for preschool-aged children (age three to five) with special needs or who are at-risk for disabilities and school failure. Planning and effecting gross motor activity programs, assessment procedures and activity sequences will be emphasized. Legislative mandates and rationale for the development of preschool motor activity programs will be discussed. Supervised field experience required.

Credit Hours: 1 hr

Prerequisite: PHED 330

Class Restrictions: Sophomore, Junior or Senior standing

Last Updated: Links 04/2011

PHED 454 - American Red Cross Lifeguard Instructor

The purpose of this course is to train instructor candidates to teach courses in the American Red Cross Lifeguarding program by developing their understanding of how to use course materials, how to conduct training sessions and how to evaluate participant's progress. Demonstration, explanation, utilization of course manuals and materials, videos and digital video discs (DVDs), analysis and practice of teaching skills are used to carry out course objectives. American Red Cross certification in Fundamentals of Instructor Training (FIT) and Lifeguard Instructor (LGI) are offered upon successful completion.

Credit Hours: 2 hrs

Prerequisite: PHED 353 or instructor permission

Last Updated: Links 04/2011

PHED 470 - Assessment and Evaluation in Physical Education

The discriminating selection, administration, interpretation and use of standardized tests and measurements in physical education.

Credit Hours: 2 hrs

Prerequisite: Entry into College of Education required.

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

PHED 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

PHED 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

PHED 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

PHED 487 - Cooperative Education in Physical Education

One semester of supervised work in concentration area. An evaluation is required at the end of the employment period.

Credit Hours: 3 hrs

Prerequisite: Nine credit hours in concentration, approval by Cooperative Education Office and department permission

Last Updated: Links 04/2011

PHED 490 - Field Experience in Adapted Physical Education

Required course for "teachers of physical education for handicapped individuals; approval." A directed 15-week field experience in teaching physical education to handicapped persons in a school setting.

Credit Hours: 4 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 495 - Senior Seminar

A synthesis of educational theories presented in the undergraduate physical education program and the student teaching experience.

Credit Hours: 1 hr

Corequisites: EDUC 496 and EDUC 497

Last Updated: Links 04/2011

PHED 497 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 498 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PHED 499 - Directed Study

Directed study in areas not covered in other course offerings, or greater depth of study in areas in which the student has a continuing interest. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above, and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Recreation

RECR 100L - Introduction to Recreation and Leisure (Gen Ed Area V LBC)

A basic overview of the fields of recreation and leisure service delivery for the major student. Emphasizes the broad aspects of recreation and leisure as they relate to the delivery of human services. Includes history, philosophy, trends and job opportunities. Lecture, discussion, film and speakers from the field.

Credit Hours: 3 hrs

Last Updated: Links 03/2011

RECR 110 - Rediscovering Your Creativity

This course is designed to develop creative problem solving and idea generating abilities through a review of applied research. In addition, a series of in-class exercises will be facilitated and designed to enhanced latent creative abilities.

Credit Hours: 1hr

Cross-Listed with: IHHS 110

Last Updated: Links 04/2011

RECR 120 - Business Golf

This course does not teach the game itself, it focuses on how to build relationships with clients, proper etiquette on and off the course, the selection of equipment, protocol of behavior at country clubs and an overview of the process of planning and implementing a personal business golf strategy to further your career.

Credit Hours: 1 hr

RECR 165 - Leisure Lifestyles

An introduction to leisure lifestyles as related to oneself and how leisure behavior relates to an individual's work, education, economy, ethnic beliefs and values. The course involves individual leisure awareness, choices, goals and strategies to assist in creating a quality and fulfilling life. Lecture, discussion, evaluation techniques and self-exploration. Helpful for majors in any discipline.

Credit Hours: 3 hrs

RECR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

RECR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

RECR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

RECR 260 - Recreation Leadership

Methods and techniques of group and individual leadership skills at three levels: direct face-to-face leadership, supervision and management. An overview of conceptual and theoretical components of the leadership process; practical application of various leadership methods and procedures in a cross section of leisure service settings. Lectures, discussion and experiential learning.

Credit Hours: 3 hrs

RECR 271 - Park Maintenance

This course will present material on the role of park maintenance in parks and open space areas; knowledge of the properties of soil for development of parks and open spaces; the fundamentals of turf management and management of woody plants, as well as the maintenance of structures and trails for parks and open spaces scheduling, and safety and practice equipment.

Credit Hours: 3 hrs

RECR 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

RECR 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

RECR 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

RECR 280L - Camping (Gen Ed Area V LBC)

History of organized camping; camping on federal and state recreation areas; information sources for camping; planning and preparation (equipment, clothing, meals, camp schedules and camp programs). Skills areas for camping: map and compass; ropes and knot-tying; campfire construction; camp tool use and maintenance; and tents. Safety reviewed for meal preparation, use of tools, and toxic plants and animals. Lecture, demonstrations and student participation in a weekend camping trip.

Credit Hours: 2 hrs

Last Updated: Links 03/2011

RECR 282L - Backpacking (Gen Ed Area V LBC)

The history, knowledge, and skills required to participate in backpacking are introduced. Trip planning and preparation are presented. Trip topics include trip planning, meal planning and preparation, equipment, clothing, footwear, safety, and first aid. Site topics include: low impact, trail construction, backcountry travel, leadership, safety, backcountry etiquette, wildlife encounters, evacuation methods/procedures, and agency provider identification.

Credit Hours: 3 hrs

Last Updated: Links 03/2011

RECR 290 - Practical Research in Recreation

Students learn and apply research methodology, design, sampling and measurement to solve problems related to the provision of social services. Students design data collection instruments, collect and code data. Data is analyzed using appropriate statistical techniques. Results are interpreted and a research report is submitted.

Credit Hours: 3 hrs

Prerequisite: MATH 105

Last Updated: Links 04/2011

RECR 360 - Recreation Program Planning

This is an introductory course in planning and implementing recreation programs for diverse social and ethnic groups. In cooperation with a community service agency students plan, advertise, market, promote, implement, assess and evaluate the actual delivery of recreation program.

Credit Hours: 3 hrs

RECR 361 - Special Events in Recreation

This upper-level course is designed to inform the student of current trends in special events and management. The course will combine lecture materials with small group techniques to develop and present a special-event idea to a panel of professional recreators.

Credit Hours: 3 hrs

Prerequisite: RECR 100L and RECR 260

Last Updated: Links 04/2011

RECR 370 - Leisure Facility Design and Management

This course is of interest to all students involved in managing a public facility. The course will cover information needed to plan, develop and coordinate a public facility.

Credit Hours: 3 hrs

RECR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

RECR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

RECR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

RECR 390 - Outdoor Recreation

History of outdoor recreation and outdoor recreation management. A systems view of outdoor recreation resources; federal, state, and local agencies that provide outdoor recreation opportunities; their history and management philosophies and problems. Tools utilized by managers of outdoor recreation resources to provide opportunities for recreation. Lecture, speakers, projects.

Credit Hours: 3 hrs

RECR 450 - Park Planning and Design

This course focuses on history and purpose of park planning. Discussions will include the planning process, systems and site-level planning, use of recreation standards, and use of consultants. Reviewed are principles of site design and site plans. The lab will deal with maps and aerial photos, computer drawing.

Credit Hours: 3 hrs

RECR 460 - Park and Recreation Administration

This course introduces students to organizational management approach and structures. Students learn how to design management objectives. Fundraising and fund development methods are presented. Volunteer program design is discussed. The course emphasizes marketing of leisure and social services and pricing of products and services. Administrative responsibility and ethics are covered.

Credit Hours: 3 hrs

RECR 465 - Park and Recreation Management

This course will present the philosophical stance of managers in directing nonprofit leisure service agencies; the problem solving process; policy development; and strategic planning for nonprofit leisure service agencies. Students will learn how to involve the

public in management decision making.

Credit Hours: 3 hrs

RECR 471 - Contemporary Issues in Recreation

This course is to familiarize the recreation and park management student with vital issues that practicing professionals are facing on a daily basis. The class will utilize a seminar format with each session focusing on a single issue. A wide range of leading authorities in the field will present from their perspective followed by an in-depth discussion session on how this topic affects the future professional.

Credit Hours: 3 hrs

Prerequisite: RECR 100L

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

RECR 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

RECR 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

RECR 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

RECR 489 - Recreation Practicum

A full-time, 15-week, 600-hour experience in a leisure services setting under a qualified recreation/leisure specialist and University supervisor.

Credit Hours: 8 hrs

Prerequisite: Completion of 90 percent of all academic courses including RECR 100L, THRC 200, THRC 250, RECR 260, RECR 360, RECR 460 and RECR 465; completion of 250 hours of fieldwork; overall grade point average of 2.5 and GPA of 2.75 in recreation and park management required and elective courses

Last Updated: Links 04/2011

RECR 497 - Directed Study

An opportunity for directed study in areas not covered in other course offerings, or greater depth of study in areas of continued interest for the student. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above and who have completed the appropriate background courses.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

RECR 498 - Directed Study

An opportunity for directed study in areas not covered in other course offerings, or greater depth of study in areas of continued interest for the student. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above and who have completed the appropriate background courses.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

RECR 499 - Directed Study

An opportunity for directed study in areas not covered in other course offerings, or greater depth of study in areas of continued interest for the student. Students will be assigned to select faculty members for direction, consultation and evaluation of the completed study or project. Open only to department majors and minors who have attained junior standing, with a GPA of 3.0 or above and who have completed the appropriate background courses.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Sport Management

SMGT 201 - Foundations of Sport Management

This course discusses the meaning of sport management in terms of its scope, principles, issues and future trends. In addition, this course examines the job responsibilities and competencies required of sport managers in a variety of sports or sports-related organizations in a hope to have the student become acquainted with the role of sport administrators and managers. Finally, this course provides the student with an overview of the different facets and career opportunities that are available in the field of sport management.

Credit Hours: 3 hrs

SMGT 255 - Social Psychology of Sport

A required course for sport management majors which examines the psychological factors that influence sport performance. The student will learn the theories and practical applications of the factors that influence athletes and coaches, such as coaching leadership, efficacy beliefs within sport group contexts, morality in sport, the coach-athlete relationship, and team cohesion.

Credit Hours: 3 hrs

Previously Listed As: SMGT 225

Last Updated: Links 03/2011

SMGT 325 - Sport Facilities

A required course for sport management majors which examines the planning and management of sport facilities. The course will focus on elements of planning, design and management, while examining functions related to maintenance, security, operations and evaluation.

Credit Hours: 3 hrs

Prerequisite: SMGT 201; SMGT 255

Class Restrictions: Junior and Senior standing only

Last Updated: Links 03/2011

SMGT 375 - Sport and Event Planning

This course offers an introduction to the planning, marketing, management and evaluation of sporting events. The course content will explore the theories and practices relevant to successful event planning for high school athletics, collegiate athletics, and other sporting events.

Credit Hours: 3 hrs

Prerequisite: SMGT 201; SMGT 255

Last Updated: Links 03/2011

SMGT 385W - Introduction to Research in Sport Management (Gen Ed Area I, W)

A course to teach students the research skills that can be applied to their professional careers. The student will be able to effectively locate research articles related to sport management, and understand how to apply the research to their professional careers.

Credit Hours: 3 hrs

Prerequisite: SMGT 201; SMGT 255

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

SMGT 405 - Applied Sport Psychology for Sport Management Professionals

Course covers theory analysis and understanding of applied-sport psychology for individuals in sport management. Students explore ways to use mental-skills training and educate coaches regarding applied-sport psychology. Strategies for working with consultants to enhance athlete performance are addressed.

Credit Hours: 3 hrs

Prerequisite: PSY 101 or SMGT 255 or instructor permission

Class Restrictions: Junior standing

Last Updated: Links 03/2011

SMGT 425 - Diversity in Sport Organizations

A required course for sport management majors which examines diversity management strategies used by sport organizations. Students will learn how to design an effective diversity training program.

Credit Hours: 3 hrs
Prerequisite: SMGT 201; SMGT 255
Class Restrictions: Junior or Senior standing
Last Updated: Links 03/2011

SMGT 445 - Sport Economics and Finance

Basic theory in economics and finance applied to managerial control of sport organizations.

Credit Hours: 3 hrs
Prerequisite: SMGT 201; SMGT 255
Class Restrictions: Junior or Senior standing
Last Updated: Links 03/2011

SMGT 460 - Sports Ethics

The purpose of this course is to provide students an opportunity to reflect on and discuss ethical concerns in physical education and athletics. Topics will include ergogenic aids, competition vs. cooperation, commercialization, and youth sport.

Credit Hours: 3 hrs
Prerequisite: SMGT 201
Cross-Listed with: SMGT 560
Last Updated: Links 03/2011

SMGT 477 - Special Topics

Offered on an experimental basis for one semester for purposes of meeting special needs and/or innovations.

Credit Hours: 1 hr
Prerequisite: SMGT 201
Class Restrictions: Junior or Senior standing only
Last Updated: Links 03/2011

SMGT 478 - Special Topics

Offered on an experimental basis for one semester for purposes of meeting special needs and or innovations.

Credit Hours: 2 hrs
Prerequisite: SMGT 201
Class Restrictions: Junior or Senior standing
Last Updated: Links 03/2011

SMGT 479 - Special Topics

Offered on an experimental basis for one semester for purposes of meeting special needs and/or innovations.

Credit Hours: 3 hrs
Prerequisite: SMGT 201
Class Restrictions: Junior or Senior standing
Last Updated: Links 03/2011

SMGT 493 - Fieldwork in Sport Management I

This course provides students with real world experience in the area of sport management. Students will take this course before SMGT 494 and SMGT 495 for a total of 9 credits in three different sport management locations.

Credit Hours: 3 hrs

Prerequisite: SMGT 201 and department permission

Class Restrictions: Sophomore standing or above

Last Updated: Links 03/2011

SMGT 494 - Fieldwork in Sport Management

This course provides students with real world experience in the area of sport management. Students will take this course three times for a total of 9 credits in three different sport management locations.

Credit Hours: 3 hrs

Prerequisite: SMGT 201 and department permission

Class Restrictions: Sophomore standing or above

Last Updated: Links 03/2011

SMGT 495 - Fieldwork in Sport Management

This course provides students with real world experience in the area of sport management. Students will take this course three times for a total of 9 credits in three different sport management locations.

Credit Hours: 3 hrs

Prerequisite: SMGT 201 and department permission

Class Restrictions: Sophomore standing or above

Last Updated: Links 03/2011

SMGT 511 - NCAA Compliance

This course introduces students to basic compliance principles and the NCAA rules that affect the management of a college athletic department. This course offers an understanding of the structure and function of a Division I compliance operation. The governing principles of institutional control and ethical conduct will be explored from a compliance perspective.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

School of Health Sciences Programs and Courses

School of Health Sciences

Major

Clinical Laboratory Sciences Major - Cytogenetics Concentration

The clinical laboratory sciences program offers a clinical certification track that includes a submajor in cytogenetics. The track is designed to prepare graduates for employment in hospitals, physician's offices, private laboratories, public health agencies, pharmaceutical companies and academic or industrial research.

Advising is available by faculty through the clinical laboratory sciences program. To assess progress, students should meet with their adviser each semester in which they are enrolled in classes. The MLS program is accredited by:

National Accrediting Agency for Clinical Laboratory Sciences

5600 North River Road

Suite 720

Rosemont, IL 60018

Certification as a Medical Laboratory Scientist

Once the student has completed the requirements for a B.S. through our NAACLS accredited Medical Laboratory Science Program he or she is eligible to sit for the Board of Certification exam sponsored by the American Society of Clinical Pathologist.

Clinical Certification Track

This curriculum is a four-year program at Eastern Michigan University:

The medical laboratory science option consists of seven semesters of course work in general education, basic sciences and clinical sciences and includes 22 weeks of rotation through an accredited clinical laboratory. These rotations for the clinical track include:

University of Michigan, Ann Arbor

Mercy Memorial Hospital, Monroe

Garden City Hospital, Garden City

VA Hospital, Ann Arbor

St. John Providence, Southfield

Promedica Health System, Toledo OH

Alverno Clinical Labs, Hammond IN
Henry Ford Hospital, Detroit for Cytogenetics
William Beaumont Hospital, Royal Oak Histotechnology

Because enrollment in the fourth year is limited by the size of classes in the affiliated hospitals, admission to the program does not ensure admission to the clinical rotations of the curriculum. Admission into the clinical rotations is competitive. The cytogenetics and histotechnology options consist of six semesters of course work and 12 months of clinical rotations through an accredited clinical laboratory.

The major in clinical laboratory sciences follows an interdisciplinary format composed of courses in clinical laboratory sciences, biology, chemistry and mathematics.

All students must complete the courses in each of the four areas of general education. At least 30 hours of the academic program must be completed at Eastern Michigan University. Students should be aware of the 60- and 75-hour rule regarding transfer of community college credit.

Admission and continuation in the clinical laboratory sciences program is based upon the following:

- a. A minimum EMU cumulative GPA of 2.0. A cumulative GPA of less than 2.8 mandates warning students of their ineligibility for acceptance into the clinical track.
- b. No grade below C in any mathematics or science course.
- c. A grade of D (including D- and E) in one courses in the clinical laboratory sciences major may, upon recommendation by the Program Review Committee, result in dismissal from the CLS program.
- d. Freedom from any kind of probation (administrative, academic, academic dishonesty or other university sanctioned probations) must be maintained. While on academic probation, no student may register for, remain in, or receive credit for science courses or practicum courses within the clinical laboratory sciences program.
- e. TOEFL scores of 570 or above (230 on the computer-based exam or 88 on the internet-based exam).
- f. Students may retake any science, math or CLSC course only one time in order to improve a grade.
- g. Transfer credits from any institution must be at least a B or above.

Successful completion of the clinical track and the bachelor of science degree qualifies students to take the national board examination in medical laboratory science.

Clinical Track Requirements

Students must be accepted to Eastern Michigan University before they can be considered by the Clinical Laboratory Science Program Screening Committee. However, admission to EMU does not guarantee admission into the clinical track program.

Students entering the program will be classified initially as clinical laboratory sciences “intents.” Application for full admission to the clinical track program should be made during the winter semester of the junior year.

Application packets can be obtained from the program director. Completed applications must be in the office by March 15 in order to be considered for acceptance for the winter semester.

Selection criteria include overall EMU GPA, letters of recommendation, overall science GPA, interview evaluations, freedom from any academic dishonesty and completed application form.

Admission to the clinical laboratory sciences curriculum/clinical track is competitive and is based on the following:

1. A minimum GPA of 2.8 with no grade below C in any science, mathematics or preprofessional course. The prerequisite courses may be taken at EMU, or other four-year college/university or at a community college.
2. A minimum science GPA of 2.8.
3. Completion of at least 60 hours of University credit, including 45 credit hours of prerequisite mathematics and science courses, as indicated on the application form.
4. Three letters of recommendation. It is suggested that references should include a science instructor and an employer.
5. Documentation that an applicant will have completed all prerequisite clinical laboratory sciences courses prior to beginning clinical rotations in the spring of the senior year.

The first three years of clinical laboratory sciences are similar for both the professional and clinical tracks. It is likely that acceptance into the clinical track will be highly competitive. Clinical laboratory sciences majors who are not accepted into the clinical track program, yet desire to sit for the registry examination in medical laboratory science, have the following options:

1. Completion of the bachelor of science degree in clinical laboratory sciences (professional track) at Eastern Michigan University and filing a reapplication to the clinical track program.
2. Completion of all required course work for the bachelor of science degree in clinical laboratory sciences and application to an approved hospital-based school of medical technology. The faculty advisers will assist students in the application process. Students are selected for internship placement through a statewide computer matching process. The selection process is completed in September each year, with internships usually beginning during the month of July.

A bachelor of science in clinical laboratory sciences will qualify the student to apply to hospitals within Michigan and throughout the United States.

Hospital-based schools of medical technology (internship programs) associated with the computer match process are:

Detroit Medical Center, Detroit

St. John Hospital, Detroit

Hurley Hospital, Flint

William Beaumont Hospital, Royal Oak

Cytogenetics Track:

Program Director: Jim Zabawski (Henry Ford Hospital)

Cytogenetic technologists work independently under general supervision and can interpret and implement established procedures to prepare biological specimens for cytogenetics analysis, perform the analysis and construct and interpret karyotypes.

Students may be accepted into the cytogenetics specialization after completing the required science, mathematics and clinical laboratory science courses. University general education requirements must also be met. The senior year consists of a 12-month internship at Henry Ford Hospital in the Cytogenetics department. The program consists of an integrated presentation of didactic material and intensive laboratory study in the area of cytogenetics that includes specimen preparation, cell culture, chromosome analysis, microscopy and photography.

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Clinical Laboratory Sciences Major Requirements: 52 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 351 - Foundations of Biochemistry 4 hrs
- CLSC 200 - Clinical Laboratory Techniques 3 hrs
- CLSC 300 - Molecular Diagnostics 3 hrs
- CLSC 332 - Clinical Microbiology I 3 hrs
- CLSC 335 - Clinical Immunology 3 hrs
- CLSC 336 - Clinical Immunology Laboratory 1 hr
- CLSC 401W - Laboratory Management/Education (Gen Ed Area I, W) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Cytogenetics Concentration Requirements: 29 hours

- BIO 120 - Introductory Biology II 5 hrs
- BIO 476 - Mammalian Histology 3 hrs
- * CLSC 410A - Cytogenetics Clinical Internship 7 hrs
OR
- * CLSC 410B - Cytogenetics Clinical Internship 7 hrs
- * CLSC 411 - Cytogenetics, Clinical Internship II 14 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

* These three courses are an off-campus, full-time clinical internship.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Clinical Laboratory Sciences Major - Histotechnology Concentration

The clinical laboratory sciences program offers a clinical certification track that includes a submajor in histotechnology. The tracks are designed to prepare graduates for employment in hospitals, physician's offices, private laboratories, public health agencies, pharmaceutical companies and academic or industrial research.

Advising is available by faculty through the clinical laboratory sciences program. To assess progress, students should meet with their adviser each semester in which they are enrolled in classes. The MLS program is accredited by:

National Accrediting Agency for Clinical Laboratory Sciences
5600 North River Road
Suite 720
Rosemont, IL 60018

Certification as a Medical Laboratory Scientist

Once the student has completed the requirements for a B.S. through our NAACLS accredited Medical Laboratory Science Program he or she is eligible to sit for the Board of Certification exam sponsored by the American Society of Clinical Pathologist.

Clinical Certification Track

This curriculum is a four-year program at Eastern Michigan University:

The medical laboratory science option consists of seven semesters of course work in general education, basic sciences and clinical sciences and includes 22 weeks of rotation through an accredited clinical laboratory. These rotations for the clinical track include:

University of Michigan, Ann Arbor
Mercy Memorial Hospital, Monroe
Garden City Hospital, Garden City
VA Hospital, Ann Arbor
St. John Providence, Southfield
Promedica Health System, Toledo OH
Alverno Clinical Labs, Hammond IN
Henry Ford Hospital, Detroit for Cytogenetics
William Beaumont Hospital, Royal Oak Histotechnology

Because enrollment in the fourth year is limited by the size of classes in the affiliated hospitals, admission to the program does not ensure admission to the clinical rotations of the curriculum. Admission into the clinical rotations is competitive. The histotechnology option consists of six semesters of course work and 12 months of clinical rotations through an accredited clinical laboratory.

The major in clinical laboratory sciences follows an interdisciplinary format composed of courses in clinical laboratory sciences, biology, chemistry and mathematics.

All students must complete the courses in each of the four areas of general education. At least 30 hours of the academic program must be completed at Eastern Michigan University. Students should be aware of the 60- and 75-hour rule regarding transfer of community college credit.

Admission and continuation in the clinical laboratory sciences program is based upon the following:

- a. A minimum EMU cumulative GPA of 2.0. A cumulative GPA of less than 2.8 mandates warning students of their ineligibility for acceptance into the clinical track.
- b. No grade below C in any mathematics or science course.
- c. A grade of D (including D- and E) in one courses in the clinical laboratory sciences major may, upon recommendation by the Program Review Committee, result in dismissal from the CLS program.
- d. Freedom from any kind of probation (administrative, academic, academic dishonesty or other university sanctioned probations) must be maintained. While on academic probation, no student may register for, remain in, or receive credit for science courses or practicum courses within the clinical laboratory sciences program.

- e. TOEFL scores of 570 or above (230 on the computer-based exam or 88 on the internet-based exam).
- f. Students may retake any science, math or CLSC course only one time in order to improve a grade.
- g. Transfer credits from any institution must be at least a B or above.

Successful completion of the clinical track and the bachelor of science degree qualifies students to take the national board examination in medical laboratory science.

Clinical Track Requirements

Students must be accepted to Eastern Michigan University before they can be considered by the Clinical Laboratory Science Program Screening Committee. However, admission to EMU does not guarantee admission into the clinical track program.

Students entering the program will be classified initially as clinical laboratory sciences “intents.” Application for full admission to the clinical track program should be made during the winter semester of the junior year.

Application packets can be obtained from the program director. Completed applications must be in the office by March 15 in order to be considered for acceptance for the winter semester.

Selection criteria include overall EMU GPA, letters of recommendation, overall science GPA, interview evaluations, freedom from any academic dishonesty and completed application form.

Admission to the clinical laboratory sciences curriculum/clinical track is competitive and is based on the following:

1. A minimum GPA of 2.8 with no grade below C in any science, mathematics or preprofessional course. The prerequisite courses may be taken at EMU, or other four-year college/university or at a community college.
2. A minimum science GPA of 2.8.
3. Completion of at least 60 hours of University credit, including 45 credit hours of prerequisite mathematics and science courses, as indicated on the application form.
4. Three letters of recommendation. It is suggested that references should include a science instructor and an employer.
5. Documentation that an applicant will have completed all prerequisite clinical laboratory sciences courses prior to beginning clinical rotations in the spring of the senior year.

The first three years of clinical laboratory sciences are similar for both the professional and clinical tracks. It is likely that acceptance into the clinical track will be highly competitive. Clinical laboratory

sciences majors who are not accepted into the clinical track program, yet desire to sit for the registry examination in medical laboratory science, have the following options:

1. Completion of the bachelor of science degree in clinical laboratory sciences (professional track) at Eastern Michigan University and filing a reapplication to the clinical track program.
2. Completion of all required course work for the bachelor of science degree in clinical laboratory sciences and application to an approved hospital-based school of medical technology. The faculty advisers will assist students in the application process. Students are selected for internship placement through a statewide computer matching process. The selection process is completed in September each year, with internships usually beginning during the month of July. A bachelor of science in clinical laboratory sciences will qualify the student to apply to hospitals within Michigan and throughout the United States.

Hospital-based schools of medical technology (internship programs) associated with the computer match process are:

Detroit Medical Center, Detroit

St. John Hospital, Detroit

Hurley Hospital, Flint

William Beaumont Hospital, Royal Oak

Histotechnology Track:

Program Director: Peggy Wenk (William Beaumont Hospital)

Histotechnologists perform a variety of diagnostic and research procedures in the anatomic sciences. Basic histologic techniques involve the processing and staining of tissue specimens that have been removed from humans or animals by biopsy or autopsy. Advanced techniques involve the use of the electron microscope, immunofluorescence microscopy, autoradiography, cytogenetics and medical photography.

Students may be accepted into the histotechnology specialization after completing the required science, mathematics and clinical laboratory science courses. University general education requirements must also be met. The senior year consists of a 12-month internship at William Beaumont Hospital School of Histotechnology.

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Clinical Laboratory Sciences Major Requirements: 57 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 271 - Organic Chemistry Laboratory 1 hr
- CHEM 351 - Foundations of Biochemistry 4 hrs
- CLSC 200 - Clinical Laboratory Techniques 3 hrs
- CLSC 300 - Molecular Diagnostics 3 hrs
- CLSC 332 - Clinical Microbiology I 3 hrs
- CLSC 335 - Clinical Immunology 3 hrs
- CLSC 336 - Clinical Immunology Laboratory 1 hr
- CLSC 401W - Laboratory Management/Education (Gen Ed Area I, W) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Histotechnology Concentration Requirements: 41 hours

- BIO 251 - Human Anatomy and Physiology I 4 hrs
- BIO 252 - Human Anatomy and Physiology II 4 hrs
- BIO 476 - Mammalian Histology 3 hrs
- CLSC 307 - Urinalysis, Body Fluids and Hemostasis 3 hrs
- * CLSC 416 - Basic Histotechnique and Histochemical Staining Methods 12 hrs
- * CLSC 417 - Basic Electron Microscopy 8 hrs
- * CLSC 418 - Immunohisto-Cytochemistry 4 hrs
- PHIL 223 - Medical Ethics (Gen Ed Area IV) 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

* These three courses are an off-campus, full-time clinical internship.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Clinical Laboratory Sciences Major - Medical Laboratory Science Concentration

The clinical laboratory sciences program offers a clinical certification track that includes a submajor in medical laboratory science. The track is designed to prepare graduates for employment in hospitals, physician's offices, private laboratories, public health agencies, pharmaceutical companies and academic or industrial research. The professional track is the preferred course of study for students considering graduate school or advanced studies in the clinical sciences. The professional track also can be used as preparation for careers in medicine, dentistry, and veterinary science.

Advising is available by faculty through the clinical laboratory sciences program. To assess progress, students should meet with their adviser each semester in which they are enrolled in classes. The MLS program is accredited by:

National Accrediting Agency for Clinical Laboratory Sciences
5600 North River Road
Suite 720
Rosemont, IL 60018

Certification as a Medical Laboratory Scientist

Once the student has completed the requirements for a B.S. through our NAACLS accredited Medical Laboratory Science Program he or she is eligible to sit for the Board of Certification exam sponsored by the American Society of Clinical Pathologist.

Clinical Certification Track

This curriculum is a four-year program at Eastern Michigan University:

The medical laboratory science option consists of seven semesters of course work in general education, basic sciences and clinical sciences and includes 22 weeks of rotation through an accredited clinical laboratory. These rotations for the clinical track include:

University of Michigan, Ann Arbor
Mercy Memorial Hospital, Monroe
Garden City Hospital, Garden City
VA Hospital, Ann Arbor
St. John Providence, Southfield
Promedica Health System, Toledo OH
Alverno Clinical Labs, Hammond IN
Henry Ford Hospital, Detroit for Cytogenetics
William Beaumont Hospital, Royal Oak Histotechnology

Because enrollment in the fourth year is limited by the size of classes in the affiliated hospitals, admission to the program does not ensure admission to the clinical rotations of the curriculum. Admission into the clinical rotations is competitive. The Medical Laboratory Science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences.

The major in clinical laboratory sciences follows an interdisciplinary format composed of courses in clinical laboratory sciences, biology, chemistry and mathematics.

All students must complete the courses in each of the four areas of general education. At least 30 hours of the academic program must be completed at Eastern Michigan University. Students should be aware of the 60- and 75-hour rule regarding transfer of community college credit.

Admission and continuation in the clinical laboratory sciences program is based upon the following:

- a. A minimum EMU cumulative GPA of 2.0. A cumulative GPA of less than 2.8 mandates warning students of their ineligibility for acceptance into the clinical track.
- b. No grade below C in any mathematics or science course.
- c. A grade of D (including D- and E) in one courses in the clinical laboratory sciences major may, upon recommendation by the Program Review Committee, result in dismissal from the CLS program.
- d. Freedom from any kind of probation (administrative, academic, academic dishonesty or other university sanctioned probations) must be maintained. While on academic probation, no student may register for, remain in, or receive credit for science courses or practicum courses within the clinical laboratory sciences program.
- e. TOEFL scores of 570 or above (230 on the computer-based exam or 88 on the internet-based exam).
- f. Students may retake any science, math or CLSC course only one time in order to improve a grade.
- g. Transfer credits from any institution must be at least a B or above.

Successful completion of the clinical track and the bachelor of science degree qualifies students to take the national board examination in medical laboratory science.

Clinical Track Requirements

Students must be accepted to Eastern Michigan University before they can be considered by the Clinical Laboratory Science Program Screening Committee. However, admission to EMU does not guarantee admission into the clinical track program.

Students entering the program will be classified initially as clinical laboratory sciences “intents.” Application for full admission to the clinical track program should be made during the winter semester of the junior year.

Application packets can be obtained from the program director. Completed applications must be in the office by March 15 in order to be considered for acceptance for the winter semester.

Selection criteria include overall EMU GPA, letters of recommendation, overall science GPA, interview evaluations, freedom from any academic dishonesty and completed application form.

Admission to the clinical laboratory sciences curriculum/clinical track is competitive and is based on the following:

1. A minimum GPA of 2.8 with no grade below C in any science, mathematics or preprofessional course. The prerequisite courses may be taken at EMU, or other four-year college/university or at a community college.
2. A minimum science GPA of 2.8.
3. Completion of at least 60 hours of University credit, including 45 credit hours of prerequisite mathematics and science courses, as indicated on the application form.
4. Three letters of recommendation. It is suggested that references should include a science instructor and an employer.
5. Documentation that an applicant will have completed all prerequisite clinical laboratory sciences courses prior to beginning clinical rotations in the spring of the senior year.

The first three years of clinical laboratory sciences are similar for both the professional and clinical tracks. It is likely that acceptance into the clinical track will be highly competitive. Clinical laboratory sciences majors who are not accepted into the clinical track program, yet desire to sit for the registry examination in medical laboratory science, have the following options:

1. Completion of the bachelor of science degree in clinical laboratory sciences (professional track) at Eastern Michigan University and filing a reapplication to the clinical track program.
2. Completion of all required course work for the bachelor of science degree in clinical laboratory sciences and application to an approved hospital-based school of medical technology. The faculty advisers will assist students in the application process. Students are selected for internship placement through a statewide computer matching process. The selection process is completed in September each year, with internships usually beginning during the month of July. A bachelor of science in clinical laboratory sciences will qualify the student to apply to hospitals within Michigan and throughout the United States.

Hospital-based schools of medical technology (internship programs) associated with the computer match process are:

Detroit Medical Center, Detroit

St. John Hospital, Detroit

Hurley Hospital, Flint

William Beaumont Hospital, Royal Oak

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist here.

Clinical Laboratory Sciences Major Requirements: 52-55 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 351 - Foundations of Biochemistry 4 hrs
- CLSC 200 - Clinical Laboratory Techniques 3 hrs
- CLSC 300 - Molecular Diagnostics 3 hrs
- CLSC 332 - Clinical Microbiology I 3 hrs
- CLSC 335 - Clinical Immunology 3 hrs
- CLSC 336 - Clinical Immunology Laboratory 1 hr
- CLSC 401W - Laboratory Management/Education (Gen Ed Area I, W) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- CHEM 270 - Survey of Organic Chemistry 4 hrs
AND
- CHEM 271 - Organic Chemistry Laboratory 1 hr

OR

- CHEM 371 - Organic Chemistry I 3 hrs
AND
- CHEM 372 - Organic Chemistry II 3 hrs
AND
- CHEM 373 - Organic Chemistry Laboratory 2 hrs

One from the following:

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Medical Laboratory Science Concentration Requirements: 34 hours

- CLSC 307 - Urinalysis, Body Fluids and Hemostasis 3 hrs
- CLSC 402 - Clinical Chemistry 3 hrs
- CLSC 403 - Clinical Chemistry Laboratory 1 hrs
- CLSC 432 - Clinical Microbiology 3 hrs
- CLSC 433 - Clinical Microbiology Laboratory 2 hrs
- CLSC 434 - Advanced Immunohematology 3 hrs
- * CLSC 450 - Clinical Hematology 4 hrs
- * CLSC 452 - Clinical Immunology/ Immunohematology Practicum 4 hrs
- * CLSC 454 - Clinical Chemistry Practicum 4 hrs
- * CLSC 456 - Clinical Microbiology Practicum 4 hrs
- CLSC 459 - Clinical Microbiology Practicum II 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

* These four courses are an off-campus, full-time clinical internship.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Clinical Laboratory Sciences Major - Medical Laboratory Science Pre-Professional Concentration

The clinical laboratory sciences program offers a professional track. The professional track is the preferred course of study for students considering graduate school or advanced studies in the clinical sciences. The professional track also can be used as preparation for careers in medicine, dentistry, and veterinary science.

Advising is available by faculty through the clinical laboratory sciences program. To assess progress, students should meet with their adviser each semester in which they are enrolled in classes. The MLS program is accredited by:

National Accrediting Agency for Clinical Laboratory Sciences
5600 North River Road
Suite 720
Rosemont, IL 60018

Certification as a Medical Laboratory Scientist

Once the student has completed the requirements for a B.S. through our NAACLS accredited Medical Laboratory Science Program he or she is eligible to sit for the Board of Certification exam sponsored by the American Society of Clinical Pathologist.

Professional Track

This curriculum is a four-year program at Eastern Michigan University:

Preprofessional track: This option consists of eight semesters of course work in general education and in basic, advanced and clinical sciences. Graduates will be prepared for careers in medicine, dentistry, veterinary medicine and other health care industries, and as physician's assistants. Additionally, graduates will be eligible for entry into a master's or doctoral level program in the basic or clinical sciences. Students also would be eligible for one-year hospital rotations and subsequent certification as registered medical technologists.

The major in clinical laboratory sciences follows an interdisciplinary format composed of courses in clinical laboratory sciences, biology, chemistry and mathematics.

All students must complete the courses in each of the four areas of general education. At least 30 hours of the academic program must be completed at Eastern Michigan University. Students should be aware of the 60- and 75-hour rule regarding transfer of community college credit.

Admission and continuation in the clinical laboratory sciences program is based upon the following:

- a. A minimum EMU cumulative GPA of 2.0. A cumulative GPA of less than 2.8 mandates warning students of their ineligibility for acceptance into the clinical track.
- b. No grade below C in any mathematics or science course.
- c. A grade of D (including D- and E) in one courses in the clinical laboratory sciences major may, upon recommendation by the Program Review Committee, result in dismissal from the CLS program.
- d. Freedom from any kind of probation (administrative, academic, academic dishonesty or other university sanctioned probations) must be maintained. While on academic probation, no student may register for, remain in, or receive credit for science courses or practicum courses within the clinical laboratory sciences program.
- e. TOEFL scores of 570 or above (230 on the computer-based exam or 88 on the internet-based exam).
- f. Students may retake any science, math or CLSC course only one time in order to improve a grade.
- g. Transfer credits from any institution must be at least a B or above.

Successful completion of the clinical track and the bachelor of science degree qualifies students to take the national board examination in medical laboratory science.

Professional Track Requirements

The professional track is designed for students with an interest in the clinical sciences, whose career goals may not include working as a registered medical technologist in a hospital laboratory setting.

Students electing the professional track of the clinical laboratory sciences program complete eight semesters of academic course work.

Work opportunities are diverse and include employment in pharmaceutical companies, analytical laboratories and research laboratories. The clinical practicum is not required for the professional track.

Formal application into the professional track is not required. Students must maintain an overall GPA of 2.0 in the major and satisfy University requirements for graduation. Registration for cooperative courses requires a 2.5 overall GPA and 2.5 in the sciences.

These curricula lead to a bachelor of science in the clinical laboratory sciences program.

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Clinical Laboratory Sciences Major Requirements: 55 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 351 - Foundations of Biochemistry 4 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- CLSC 200 - Clinical Laboratory Techniques 3 hrs
- CLSC 300 - Molecular Diagnostics 3 hrs
- CLSC 332 - Clinical Microbiology I 3 hrs
- CLSC 335 - Clinical Immunology 3 hrs
- CLSC 336 - Clinical Immunology Laboratory 1 hr
- CLSC 401W - Laboratory Management/Education (Gen Ed Area I, W) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Medical Laboratory Science Pre-Professional Concentration Requirements: 38 hours

- BIO 120 - Introductory Biology II 5 hrs
- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (Gen Ed Area I, W) 3 hrs
- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CLSC 307 - Urinalysis, Body Fluids and Hemostasis 3 hrs
- CLSC 402 - Clinical Chemistry 3 hrs
- CLSC 403 - Clinical Chemistry Laboratory 1 hrs
- CLSC 432 - Clinical Microbiology 3 hrs
- CLSC 433 - Clinical Microbiology Laboratory 2 hrs
- CLSC 434 - Advanced Immunohematology 3 hrs
- PHIL 223 - Medical Ethics (Gen Ed Area IV) 3 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Please note that CLSC labs are open to Clinical track students first, then to students in the Professional track concentration.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Combined Bachelor-Master's Degree in Occupational Therapy (OT-BMOT)

Established in 1941, Eastern Michigan University's Occupational Therapy Program has a long-standing tradition of excellence. The EMU OT Program provides competent and caring professionals to the local community as well as throughout the State of Michigan and across the nation.

The Bureau of Labor Statistics Occupational Outlook Handbook predicts a greater than average employment need for occupational therapists through at least 2014. This is based on the general population growth and the increasing demand for services for those aged 75 years and older who are requiring occupational therapy services to improve their quality of life. In addition, emerging practice areas for occupational therapists, for example, in such areas as driver rehabilitation and fall prevention, continue to develop. Occupational therapists are employed in diverse settings including but not limited to: hospitals, schools, rehabilitation facilities, long-term care facilities, home health care, and in areas of prevention and wellness.

Program of Study

Occupational therapy advising for occupational therapy-intent students is performed by the OT intent adviser or the College of Health and Human Services Advising Center. All students should attend a group advising session with the OT Intent Adviser to discuss admission and portfolio requirements. Upon acceptance into the occupational therapy program, students are assigned to a faculty advising team. All students admitted to the program must meet with their advising team before registering each semester.

Certification in Occupational Therapy

The National Board for Certification in Occupational Therapy, Inc. (NBCOT) administers the national certification exam for occupational therapists in the United States. All students in occupational therapy programs must successfully complete the academic requirements and fieldwork experiences in their programs in order to be eligible to sit for the national certification examination. After successful completion of this exam, the individual will be an occupational therapist, registered (OTR) and can apply for licensure or registration in the state where they choose to practice. All students must take the NBCOT Certification exam in order to practice in the profession of occupational therapy. Character background information is reviewed by NBCOT to determine a person's ability to sit for the examination. If you have any potential impediments, such as a felony charge or conviction, an encumbrance of professional license or negligence, malpractice or willful intentional misconduct, we strongly recommend that you contact NBCOT to determine your eligibility to sit for the national exam.

Contact information:

The Eugene Casey Building

800 South Frederick Avenue, Suite 200

Gaithersburg, MD 20877-4150

301.990.7979

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

Combined Bachelor's-Master's Degree in Occupational Therapy

A competitive application process is utilized to select students. Please be aware that admission to Eastern Michigan University as well as successful completion of undergraduate courses does not guarantee entry into the program. A minimum GPA of 2.75 is required to be considered for admission.

There are two different tracks, or means, of entering the Masters of Occupational Therapy program, the 3+2 track and the MOT track. The 3+2 track is designed for undergraduate students who do not yet have a Bachelors degree. It combines three years of undergraduate general education classes with two years of graduate course work in occupational therapy. This track culminates in a bachelor of science degree and a Master of Occupational Therapy (MOT) degree. Undergraduates accepted into the program must have successfully completed 90 undergraduate credits by August 1 in order to begin the program in the Fall of the year in which they applied.

Required Prerequisite Courses

In order to be considered for admission to the occupational therapy program, a student must complete the following prerequisite courses with a grade of B- or better. If you have previously taken these courses at another university please note that all prerequisite substitutions must be pre-approved before the submission of your portfolio. Submission of your portfolio without prior approval will result in your application being denied.

Anatomy and Physiology

BIO 251 - Human Anatomy and Physiology I

BIO 252 - Human Anatomy and Physiology II

Neuroanatomy

BIO 330 - Neuroanatomy

Medical Terminology

AHPR 200 - Medical Terminology

Statistics

All of the following EMU courses meet this requirement: SOCL 250, EDPS 621, EDPS 651, MATH 170, MATH 360, MATH 370, MATH 571, MATH 573, MATH 574, or PSY 205

Human Growth and Development

IHHS 260 - Aging to Infancy: A Life Course Retrospective or
EDPS 325 - Life Span Human Growth and Development

NOTE: BIO 251, AHPR 200, the statistics course, and IHHS 260/EDPS 325 must be completed by the application deadline. The remaining two must be completed before entering the program.

Application Process

The competitive admission process consists of a review of portfolios by a screening committee in the occupational therapy program followed by interviews with faculty for applicants who make the cut. Portfolios are accepted once a year on August 1 for students interested in beginning the program in the winter semester of that academic year. No late submissions are accepted. The portfolio must include the following items: official college transcripts from all schools attended, results of the GRE General Test, one academic reference, documentation of 100 hours of completed volunteer service with two references from these experiences, and a sample of reflective writing. Detailed information about the application process can be found on the program's website. We strongly encourage all students interested in applying to the program to attend a group advising session with the OT Intent Advisor in order to successfully complete their application.

International Students

International students must contact the International Admissions office at 734.487.0205. They will assist in the evaluation of transcripts and determine your cumulative GPA. International students must provide a copy of the EMU Graduate School approved TOEFL score in their application portfolio.

Fieldwork

A minimum of six months of full time supervised fieldwork is required at the conclusion of the academic program. Field placements are arranged by the Occupational Therapy Fieldwork Coordinator and approved by the faculty.

Scholarships

The Occupational Therapy program offers a number of scholarships to students who are admitted to the program. For more information contact the OT program at 734.487.4096. There are also a number of University scholarships available to students. Contact the office of Financial Aid for information.

Accreditation

The EMU OT program is accredited by the American Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. Telephone number: 301.652.AOTA.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 66 hours

- HLAD 510 - Medical Care Organization 3 hrs
- OCTH 412 - Models of Practice 3 hrs
- OCTH 419 - Programming I 6 hrs
- OCTH 420 - Level I Fieldwork I 3 hrs
- OCTH 495 - Neurological Foundations of Human Occupation 3 hrs
- OCTH 500W - Philosophy of Occupational Therapy (Gen Ed Area I, W) 3 hrs
- OCTH 502 - Theory and Analysis of Occupation 3 hrs
- OCTH 516 - Level I Community Fieldwork II 3 hrs
- OCTH 517 - Level I Community Fieldwork III 3 hours
- OCTH 519 - Programming II 6 hrs
- OCTH 540 - Research Methods I 3 hrs
- OCTH 588 - Fieldwork Level II: Clinical Skills 6 hrs
- OCTH 589 - Fieldwork Level II: Clinical Skills 6 hrs
- OCTH 600 - Supervision and Professional Roles 3 hrs
- OCTH 619 - Programming III 6 hrs
- OCTH 686 - Culminating Project I 3 hrs
- OCTH 687 - Culminating Project II 3 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits and the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas

below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names

will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Dietetics Major (IDTC)

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

Adviser Information:

College of Health and Human Services Advising Center

Email: chhsadvising@emich.edu

Phone: 734.487.0918

Dietetics Program Information

The Coordinated Program in Dietetics is fully accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (A.N.D. or the Academy).

Accreditation Council for Education in Nutrition and Dietetics

The Academy of Nutrition and Dietetics

120 South Riverside Plaza, Suite 2000

Chicago, IL 60606-6995

312/889-0040, ext. 5400

www.eatright.org

www.cdrnet.org

This is a second admissions program with both online and on-campus delivery methods. Through the online delivery method, this program is available to students who do not live within 100 miles of Eastern Michigan University's campus. The program begins in the fall of the junior year. Please be aware that admission to the University is not a guarantee of entry into the dietetics program. Important information and the application for both the online and on-campus programs can be found at the Extended Programs and Educational Outreach web site. In addition, students are encouraged to contact the College of Health and Human Services Advising Center at chhsadvising@emich.edu or 734.487.0918 for additional information. The application deadline for both the online and on-campus programs is January 15 for consideration for entrance into the professional phase of the program the following fall semester.

Admission Requirements

The applicants for either delivery method must meet the following requirements to be considered for the professional phase of the program:

1. Admission to EMU;
2. Junior standing achieved by completing 56 or more credit hours or equivalent (including transfer courses);
3. Minimum GPA of 2.75; and
4. Satisfactory completion (C or above) of the following prerequisites prior to entrance into the professional phase of the program.

Recency of Education rules apply to any program courses that are transferred into Eastern Michigan University. Please follow the Recency of Education link to learn more.

The availability of clinical facilities limits the number of students admitted to each class. Therefore, a screening procedure is used to select the most qualified students for the available positions in the program. Academic status, letters of recommendation, a personal statement and answers to given questions are considered in this screening procedure.

Continuance

Once students have been accepted into the CPD, it is assumed that they will maintain their academic status.

In preparing for a professional career in dietetics, students are expected to assume responsibility for their learning, to support the ethics and standards of practice of their profession and to value honesty in the fulfillment of scholarly and professional endeavors. The department reserves the right to retain only those students who, in the judgment of the faculty, satisfy the requirements of scholarship and practice competence and personal integrity suitable to dietetics.

Registration in Dietetics

Upon successful completion of the coordinated dietetics curriculum and degree, students will be eligible to sit for the Registration Examination for Dietitians. Passage of the exam will provide the recognized credential of Registered Dietitian through the Commission on Dietetics Registration of the Academy of Nutrition and Dietetics.

Articulation Agreement

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Prerequisites of Professional Phase

Pre-Application Phase: 20 hours

The following prerequisites are to be completed prior to January 15th CPD application deadline.

- BIO 326 - Human Physiology 3 hrs
OR
- SPMD 269 - Anatomy and Physiology for Dietetics 3 hrs

- BIO 328 - Introductory Microbiology 3 hrs
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 351 - Foundations of Biochemistry 4 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs

- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs
OR
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs

Pre-Admission Phase: 13-14 hours

The following prerequisites are to be completed prior to start of Professional Phase.

- AHPR 200 - Medical Terminology 1 hr
- DTC 108 - Careers in Nutrition and Dietetics 2 hrs
- DTC 202 - Principles of Human Nutrition 3 hrs
- DTC 251 - Experimental Foods 4 hrs

- EDPS 325 - Life Span Human Growth and Development 4 hrs
OR

- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs

Major Requirements: 58 hours

- DTC 302 - Nutrient Metabolism: Macronutrients 3 hrs
- DTC 330 - Nutrition Therapy I 3 hrs
- DTC 331 - Nutrition Therapy I Experience 2 hrs
- DTC 350 - Food Systems Management I 3 hrs
- DTC 351 - Food Systems Management I Experience 4 hrs
- DTC 358 - Food and Culture (Gen Ed Area III) 3 hrs
- DTC 370 - Nutrition Therapy II 3 hrs
- DTC 371L - Nutrition Therapy II Experience (Gen Ed Area V LBC) 4 hrs
- DTC 372 - Nutrition of the Life Cycle 3 hrs
- DTC 375 - Complementary and Alternative Medicine 3 hrs
- DTC 422 - Nutrient Metabolism: Micronutrients 3 hrs
- DTC 430 - Nutrition Therapy III 3 hrs
- DTC 431W - Nutrition Therapy III Experience (Gen Ed Area I, W, or Area V LBC) 4 hrs
- DTC 435 - Seminar in Dietetics 2 hrs
- DTC 450 - Food Systems Management II 2 hrs
- DTC 451 - Food Systems Management II Experience 4 hrs
- DTC 459 - Development of Entrepreneurial Dietitian 3 hrs
- DTC 470 - Nutrition Therapy IV 2 hr
- DTC 471 - Nutrition Therapy IV Experience 4 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas

below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names

will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Health Administration Major

The program in Health Administration emphasizes the rapidly changing forms of health care delivery, health care reform, health care for the indigent and services to special populations, such as uninsured workers, the homeless and prisoners. Student writing, publication and opportunities for research are central to the program's mission.

Admission Requirements

To qualify for admission to the program in Health Administration, students must have successfully completed **45** hours of undergraduate coursework at an accredited institution of higher learning with a minimum cumulative grade point average of 2.5. In addition, the following courses must be completed with a minimum earned grade of C- (C required for transfer courses) in each:

ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) (3 hrs)

CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) (3 hrs)

Prospective majors in Health Administration who do **not** have the minimum 2.5 cumulative grade point average may petition the program in writing, through the Program Director, to request probationary admission to the major. Such applications will be considered by the program's faculty on a case-by-base basis and would be expected to include information explaining either disruption in the applicant's higher education, personal experience and achievements that counterbalance the grade point average, or other issues of relevance to the request.

Clinical Affiliations

The Health Administration program is closely affiliated with the American Academy of Medical Administrators (AAMA) and the American College of Health Executives (ACHE). The Health Administration Student Organization is a student chapter of the American College of Health Care Executives. Internship opportunities are an essential component in the curriculum of the program. The following organizations are representative of those in which health administration majors acquire field experience:

Alzheimer's Disease and Related Disorders Association, Southfield, MI

Arbor Hospice, Ann Arbor

Chelsea Community Hospital, Chelsea, MI

City of Detroit, Bureau of Substance Abuse Services, Detroit

Detroit Osteopathic Hospital Corporation, Detroit

Detroit Receiving Hospital, Detroit

Garden City Osteopathic Hospital, Garden City, MI

Gift of Life

Health Alliance Plan of Michigan, Detroit

Henry County Hospital, Napoleon, OH

Henry Ford Hospital, Detroit

Henry Ford Village

Hospice of Washtenaw, Ann Arbor

Laurel Home Health Care Centers, Ypsilanti

M-Care, Ann Arbor

McAuley-McPhearson Health Care, Howell, MI

Michigan Blue Shield and Michigan Blue Cross, Detroit

Michigan Insurance Bureau, Lansing, MI

Michigan Department of Corrections

Michigan Department of Mental Health

Michigan Department of Public Health

Munson Memorial Hospital, Traverse City

Milan Federal Correctional Institution, Milan, MI

Munson Memorial Hospital, Traverse City, MI

Oakland County Department of Public Health

Snow Health Center

St. John Hospital, Detroit

St. Joseph Mercy Hospital, Ann Arbor

St. Mary's Hospital, Saginaw, MI

Seaway Hospital, Trenton, MI

Springfield Hospital, Springfield, VT

Traverse City Osteopathic Hospital, Traverse City, MI

Trinity Health Care

University of Michigan Hospitals, Ann Arbor

Visiting Nurse Association of Huron Valley, Ann Arbor

Washtenaw County Community Mental Health, Ann Arbor
Wayne County Medical Examiner's Office, Detroit

School of Health Sciences Information:

Interim School Director: Colleen Croxall
School Contact: ccroxall@emich.edu
Website: www.emich.edu/hs/

Health Administration Curriculum

The curriculum concentrates on the principles and processes utilized in the field of health administration and management. The program is designed to prepare those seeking a career in the administrative sector of the health care delivery system in any of its forms. It also is appropriate for those already working in the health care field in some other capacity but wishing to redirect their career toward the area of health administration. Practicing health administrators without previous formal education in the field also may find this program beneficial for career advancement.

All students must take a one-semester internship during their junior or senior year unless waived by the program director due to significant administrative experience. No outside minor is required. However, many students elect the Gerontology Minor. Other minors that fit well with the Health Administration Major include the American Humanics Certificate in Nonprofit Management.

A degree completion track, Health Services Management, has been established for persons with clinical associate degrees from accredited community colleges who have had five or more years of experience subsequent to that of degree completion. Associate degree trained nurses, respiratory therapists and others interested in the degree completion option in health services management should contact the program director. Successful completion of the degree completion track leads to the same degree as the regular program major.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

A B.S. in Health Administration articulation agreement has been established with the programs of radiography, nursing and dental assisting at Washtenaw Community College and a B.S. in Health Administration articulation agreement with health information technology at Schoolcraft College, which permit graduates of these two-year degree programs to complete their bachelor's degree in two years, or the equivalent of four full-time semesters at Eastern Michigan University, culminating with a degree in Health Administration. Unlike the health services management track, which is a generic degree for completion for clinicians with a two-year clinical degree, these articulations provide selected transfer students with an efficient degree completion curriculum that fits into a traditional four-year undergraduate schedule. Graduates of the programs in radiography, nursing and dental assisting at Washtenaw Community College and health information technology at Schoolcraft College should

contact the program director (program in health administration) or their community college academic adviser for complete details about these degree completion opportunities.

A Health Administration Minor is available to undergraduate students at Eastern Michigan University. The curriculum for the minor in Health Administration includes 20 to 22 hours. Students interested in the minor should contact the program in writing and meet with the program's minor curriculum adviser.

General Education Requirements:

For specific requirements refer to the General Education Program .

Additional Requirements: 13-16 hours

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

One course from the following:

- MATH 118 - Linear Models and Probability (Gen Ed Area II) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

If student has taken MATH 118, choose one course from the following:

- DS 265 - Business Statistics I 3 hrs
- ECON 310 - Economic Statistics 3 hrs
- PSY 205 - Quantitative Methods in Psychology 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (Gen Ed Area II) 3 hrs

Major Requirements: 54 hours

Required Courses in Health Administration: 44 hours

- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 307W - Communication Effectiveness in Health Administration (Gen Ed Area I, W) 3 hrs
- HLAD 308 - Ethical Dimensions in Health Care Delivery 3 hrs
- HLAD 310 - Administration of Health Care Organizations 3 hrs
- HLAD 311 - Management of Health Services 3 hrs
- HLAD 312 - Health Personnel Management and Development 3 hrs
- HLAD 315 - Research Methods and Data Analysis in Health Sciences 3 hrs
- HLAD 416 - Health Planning 3 hrs
- HLAD 418 - Principles of Healthcare Finance Management 3 hrs
- HLAD 419 - Legal and Regulatory Issues in Health Care 4 hrs

- HLAD 420 - Health Insurance and Reimbursement 3 hrs
- HLAD 425 - Decision Making for Health Administrators 3 hrs
- HLAD 480 - Internship Seminar in Health Administration 2 hrs
- HLAD 488 - Internship 6 hrs

Required Courses in Associated Health Profession: 4 hours

- AHPR 200 - Medical Terminology 1 hr

One course from the following:

- HLAD 401 - Legal Issues in Health Care 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- PLSC 301 - American Legal System 3 hrs

Required Courses in Business Administration and Liberal Arts: 6 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ECON 436 - Health Economics 3 hrs

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Health Services Management Track Curriculum

This is a degree completion track leading to the bachelor of science degree in health administration for persons holding an accredited associate's degree in a recognized health services or clinical discipline and who have had five or more years of experience subsequent to that degree completion. Such disciplines include nursing, respiratory therapy or other specialized two-year programs of study.

For degree completion students in this curriculum, up to 22 credit hours may be awarded and credited toward the bachelor of science obligation of 124 credit hours on the basis of supervised clinical course work taken in the associate degree curriculum. These credits may be based on supervised clinical

courses that have no exact equivalence at Eastern Michigan University. This is determined in consultation with the program director of the health administration program.

General Education Requirements: 40 hours

For specific requirements refer to the General Education Program .

Major Requirements: 30 hours

- Two hours of applicable transfer work from an associates degree.
- AHPR 200 - Medical Terminology 1 hr
- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 308 - Ethical Dimensions in Health Care Delivery 3 hrs
- HLAD 310 - Administration of Health Care Organizations 3 hrs
- HLAD 311 - Management of Health Services 3 hrs
- HLAD 315 - Research Methods and Data Analysis in Health Sciences 3 hrs
- HLAD 401 - Legal Issues in Health Care 3 hrs
- HLAD 420 - Health Insurance and Reimbursement 3 hrs
- HLAD 425 - Decision Making for Health Administrators 3 hrs

One course from the following:

- HLAD 416 - Health Planning 3 hrs
- HLAD 419 - Legal and Regulatory Issues in Health Care 4 hrs

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors. A minor in management is required for non-business majors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Therapeutic Recreation Major

The therapeutic recreation curriculum leads to a bachelor of science degree in therapeutic recreation. Graduates from this program may apply for national certification as certified therapeutic recreation specialists.

This curriculum consists of a minimum of 48 hours of general education and a minimum of 63 credit hours of therapeutic recreation required courses. The therapeutic recreation student must complete 250 hours of clinical and/or paid therapeutic recreation experience before taking a full time 15-week,

600-hour practicum. The student must also file for candidate status one semester prior to enrolling in the practicum. No outside minor is required.

Students planning admission to the therapeutic recreation major must officially enroll in the program at the Academic Advising Center and complete an application for program admission at 363 Marshall.

Criteria for admission into the therapeutic recreation major are:

1. Application for program admission;
2. Interview with the therapeutic recreation faculty.

Criteria for entry into THRC 449 - Therapeutic Recreation Practicum are:

1. Minimum of 2.5 GPA overall and 2.75 GPA in all major core and required courses;
2. Completion of 180 hours of verified fieldwork experience in four or more therapeutic recreation service agencies serving people with disabilities;
3. Completion of all academic courses.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 63-64 hours

- AHPR 200 - Medical Terminology 1 hr
- COUN 450 - An Introduction: Counseling Concepts and Skills 3 hrs
- HLAD 305 - The U.S. Health Care System 3 hrs
- PHED 200 - Anatomy and Physiology 5 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- SPMD 280 - Pharmacology for Sports Medicine 2 hrs
- THRC 100 - Foundation and Advancement of the Therapeutic Recreation Profession 3 hrs
- THRC 200 - Recreation for Persons with Disabilities 3 hrs
- THRC 250 - Fieldwork in Recreation Therapeutic Recreation 1 hr
- THRC 251 - Fieldwork in Recreation Therapeutic Recreation 1 hr
- THRC 252 - Fieldwork in Recreation Therapeutic Recreation 1 hr

- THRC 290 - Quality Improvement: Research Methods in Health Care 3 hrs
- THRC 300 - Principles of Therapeutic Recreation 3 hrs
- THRC 320 - Leisure Education 3 hrs
- THRC 340 - Therapeutic Recreation Processes I 3 hrs
- THRC 360 - Therapeutic Recreation Program Planning 3 hrs
- THRC 400 - Therapeutic Recreation Process II 3 hrs
- THRC 430W - Issues in Therapeutic Recreation (Gen Ed Area I, W) 3 hrs
- THRC 449 - Therapeutic Recreation Practicum 8 hrs

Choose one from the following:

- THRC 180 - Activity Analysis and Adaption 2 hrs
- THRC 481 - Adapted Aquatics 2 hrs

Choose one from the following:

- THRC 310 - Leisure and Aging 3 hrs
- THRC 330 - Therapeutic Recreation: Substance Abuse 3 hrs

Choose one from the following:

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs

Elective Courses: 10-12 hours

Students may choose ten to twelve credit hours of electives in consultation with an adviser.

Minor Requirements:

This major does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Gerontology Minor

Adviser: Dr. Elizabeth Schuster, Director
Gerontology Program

104 Roosevelt Hall
734.487.1361
eschuster@emich.edu

The gerontology minor is administered by the Department of Health Sciences in the College of Health and Human Services through an interdisciplinary coordinating committee composed of faculty who are actively involved in the gerontology field. The 21-semester-hour interdisciplinary minor is available to students who are majors in any department or college of the University. It may serve as a core of study for undergraduate students who wish to supplement their studies with a detailed knowledge of gerontology or who contemplate entering master's or doctoral programs in gerontology. The minor should be of particular interest to students preparing for work in the physical and mental health service careers, to those working in continuing care centers, for community organization and social service workers, and for educators.

Required Courses: 13-14 hours

- BIO 259 - Biology of Aging 2 hrs
- GERT 212 - Introduction to Gerontology 3 hrs
- PSY 323 - Psychology of Human Aging 3 hrs
- SOCL 311W - Aging and the Life Course (Gen Ed Area I, W) 3 hrs

One course from the following:

- * GERT 488 - Gerontology Practicum 2 hrs
- * GERT 489 - Gerontology Practicum 3 hrs

Elective Courses: 7-8 hours

Students must select 7-8 hours from the following courses:

- DTC 202 - Principles of Human Nutrition 3 hrs
- or
- DTC 203 - Nutrition for Health Professionals 3 hrs
- or
- DTC 204 - Sports Nutrition 3 hrs
- DTC 372 - Nutrition of the Life Cycle 3 hrs
- EDPS 325 - Life Span Human Growth and Development 4 hrs

- GERT 219 - Around the World in 80 Years: Adult Development Across Culture (Gen Ed Area III) 3 hrs
- GERT 497 - Independent Study 1 hr
- GERT 498 - Independent Study 2 hrs
- GERT 499 - Independent Study 3 hrs
- GERT 509 - Older Adults and Chemical Dependency 1 hr
- GERT 511 - Elders and Their Families 2 hrs
- GERT 513 - Intergenerational Programs and Services 2 hrs
- GERT 515 - Sexuality and Aging 1 hr
- GERT 516 - The Elderly and the Law 1 hr
- GERT 517 - Developing Funding Proposals for Aging Programs 2 hrs
- GERT 518 - Introduction to Alzheimer's and Related Dementia 2 hrs
- GERT 523 - Designing Programs for People with Dementia 2 hrs
- GERT 524 - Families and Dementia 2 hrs
- GERT 526 - Behaviors in Dementia 2 hrs
- GERT 528 - Advanced Issues in Dementia Care 2 hrs
- GERT 532 - Aging Through the Eyes of the Old 2 hrs
- GERT 590 - Special Topics 1 hr
- HLAD 310 - Administration of Health Care Organizations 3 hrs
- HLED 420 - Health and Aging 3 hrs
- IDE 111 - Environmental Psychology and Behavior for Interior Design 3 hrs
- IDE 503 - Physical Environments for Aging 2 hrs
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs
- SWRK 413 - Women and Aging 3 hrs
- SWRK 420 - Working with Aging People 3 hrs
- THRC 310 - Leisure and Aging 3 hrs

- WGST 413 - Women and Aging 3 hrs

Minor Total: 20-22 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

** Students who are required to complete a practicum in a setting serving older people as a part of their major may request that this experience fulfill the practicum component GERT 488/489.*

Students can only take DTC 202 or DTC 203 or DTC 204.

Students cannot take both SWRK 413 and WGST 413.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
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- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Health Administration Minor

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

Minor Requirements: 16 hours

- AHPR 200 - Medical Terminology 1 hr
- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 310 - Administration of Health Care Organizations 3 hrs
- HLAD 311 - Management of Health Services 3 hrs
- HLAD 401 - Legal Issues in Health Care 3 hrs
- HLAD 420 - Health Insurance and Reimbursement 3 hrs

Elective Courses: 6 hours

Two courses from the following:

- AAS 351 - The Social Context of African American Health (Gen Ed Area IV) 3 hrs
- HLAD 250 - Introduction to Public Health 3 hrs
- HLAD 308 - Ethical Dimensions in Health Care Delivery 3 hrs
- HLAD 315 - Research Methods and Data Analysis in Health Sciences 3 hrs
- HLAD 416 - Health Planning 3 hrs
- HLAD 419 - Legal and Regulatory Issues in Health Care 4 hrs
- HLAD 421 - Managed Care 3 hrs
- HLAD 425 - Decision Making for Health Administrators 3 hrs
- HLAD 460 - Long-Term Care Administration 3 hrs
- HLAD 479 - Special Topics 3 hrs

- SWRK 431 - Substance Abuse 3 hrs

Minor Total: 22 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor

- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Human Nutrition Minor

This non-teaching minor benefits students enrolled in the majors of: nursing, sports medicine, hotel and restaurant management, occupational therapy, education, psychology and biology.

School of Health Sciences Information:

Interim School Director: Colleen Croxall

School Contact: ccroxall@emich.edu

Website: www.emich.edu/hs/

Required Area Courses: 15 hours

- DTC 358 - Food and Culture (Gen Ed Area III) 3 hrs
- DTC 372 - Nutrition of the Life Cycle 3 hrs
- DTC 375 - Complementary and Alternative Medicine 3 hrs
- DTC 430 - Nutrition Therapy III 3 hrs

One course from the following:

- DTC 202 - Principles of Human Nutrition 3 hrs
- DTC 203 - Nutrition for Health Professionals 3 hrs
- DTC 204 - Sports Nutrition 3 hrs

Restricted Electives Courses: 5 hours

Five hours from the following:

- AHPR 200 - Medical Terminology 1 hr
- BIO 259 - Biology of Aging 2 hrs
- DTC 108 - Careers in Nutrition and Dietetics 2 hrs
- DTC 155 - Fundamentals of Healthy Lifestyles 2 hrs
- DTC 251 - Experimental Foods 4 hrs
- DTC 302 - Nutrient Metabolism: Macronutrients 3 hrs
- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 308 - Ethical Dimensions in Health Care Delivery 3 hrs
- HLED 302 - From Host to Host: The Communicable Diseases 1 hr
- HLED 402 - Selecting Health Products and Services 3 hrs

- HLED 420 - Health and Aging 3 hrs
- HLED 490 - Drug Use and Abuse 3 hrs
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs
- PHED 209 - Bio-Fitness 2 hrs
- PHIL 223 - Medical Ethics (Gen Ed Area IV) 3 hrs
- THRC 310 - Leisure and Aging 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Certificate

Health Informatics Certificate (CHIN)

This certificate introduces the student to information systems terminology, structures, applications, and their relationship to management functions in health services organizations. Health providers and enterprise-wide health systems are continuing to make multimillion dollar investments in information systems in order to meet new market and regulatory requirements. Health services managers are required to play a critical role in the analysis, design, acquisition, installation, operation and ultimate success of information systems necessary to meet organizational goals and objectives in such environments. This course exposes students to the fundamental IS/IT applications used to support health care management functions. In addition, applications and management issues unique to industry segments (e.g., long-term care, home care, hospital administration, physician practice management) will also be explored. The certificate is designed to ensure that students are schooled in the terminology, conceptual models, applications, opportunities, and limitations of core technologies and their relation to information systems used in health services, to the point where they can ask appropriate questions, recognize and state significant issues, and participate in the discussion and analysis of information systems development and application. Ultimately, it seeks to provide students with an understanding of the basic structures of information systems in health administration; the relationship of these systems to managerial functions such as communications, coordination, control, strategic and process planning and decision making; and the important policy and ethical issues associated with privacy, confidentiality, and security in information systems. A key component of the certificate will be a commitment to provide continuous updates to course materials, as U.S. health care technology and policy evolves. Also, since the certificate represents the integration and application of a prerequisite CIS or Computer Science sequence, students will be grounded in fundamental technologies commonly used in health care in addition to gaining an understanding of major information management issues specific to health care systems.

Critical Information regarding Certificates

Undergraduate certificates may only be offered in conjunction with or subsequent to a baccalaureate degree. They cannot be 'stand alone' certificates, offered to students who are not pursuing or do not have a bachelor's degree. For students pursuing an undergraduate certificate concurrent with a bachelor's degree, the certificate will be awarded upon graduation.

School of Health Sciences Information:

Interim School Director: Colleen Croxall
School Contact: ccroxall@emich.edu
Website: www.emich.edu/hs/

Required Courses: 12 hours

- HLAD 476 - Introduction to Healthcare Informatics 3 hrs

Choose a track: 9 hours

CIS Track:

- IS 215 - End-User Computing 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 380 - Introduction to Databases 3 hrs

COSC Track:

- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs

Choose one of the following: 3 hours

- COSC 215 - Scientific Simulation 3 hrs
- COSC 231 - Internet-based Computing 3 hrs

Electives: 6 hours

Six hours from the following:

- HLAD 311 - Management of Health Services 3 hrs
- HLAD 315 - Research Methods and Data Analysis in Health Sciences 3 hrs
- HLAD 416 - Health Planning 3 hrs
- HLAD 418 - Principles of Healthcare Finance Management 3 hrs
- HLAD 419 - Legal and Regulatory Issues in Health Care 4 hrs

Certificate Total: 18 hours

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which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

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University Information: Consult the online catalog at catalog.emich.edu.

Clinical Laboratory Sciences

CLSC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CLSC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLSC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLSC 200 - Clinical Laboratory Techniques

Basic skills necessary to function in a clinical laboratory; e.g., phlebotomy, use of the microscope, specimen collection and preparation, pipetting and lab safety.

Credit Hours: 3 hrs

Prerequisite: BIO 110, CHEM 121 and CHEM 122

Last Updated: Links 04/2011

CLSC 201 - Phlebotomy Techniques

Phlebotomy Techniques is presented in a lecture-laboratory format. The course is designed to present the theory of blood collection and the practical techniques for venipuncture and skin puncture. Topics included in the course will cover the phlebotomist's role, professionalism and ethics, laboratory and hospital organization, specimen collection techniques, various blood drawing equipment, patient interaction and some medical and laboratory terminology.

Credit Hours: 3 hrs

Concurrent Prerequisite: AHPR 200 or department permission

Last Updated: Links 04/2011

CLSC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CLSC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLSC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLSC 300 - Molecular Diagnostics

This course covers molecular diagnostic techniques in the clinical laboratory. Topics will include laboratory diagnosis of infectious and genetic diseases through cytogenetic, molecular cytogenetic and DNA molecular technology.

Credit Hours: 3 hrs

Concurrent Prerequisite: BIO 301 and CLSC 200

Last Updated: Links 04/2011

CLSC 301 - Molecular Diagnostics Laboratory

This laboratory course will examine the techniques of molecular techniques use in the clinical laboratory, including nucleic acid extraction, nucleic acid hybridization, electrophoresis and polymerase chain reactions.

Credit Hours: 1 hr

CLSC 307 - Urinalysis, Body Fluids and Hemostasis

Lecture and laboratory covering urines, body fluids and hemostasis. Specimen collection and handling, physical examination, chemical testing, and microscopic evaluation of urines and body fluids; evaluation of hemostasis testing and hemostasis theory.

Credit Hours: 3 hrs

Prerequisite: CLSC 200 or permission

Last Updated: Links 04/2011

CLSC 322 - Clinical Microbiology I

A lecture and laboratory course on the basic disease processes and pathogenesis of clinically-relevant microorganisms. This course will discuss the major pathogenic bacteria, viruses and fungi. The laboratory portion of this course will emphasize the standard microbiological techniques, including isolation, cultivation, identification and antibiotic susceptibility testing. This course will serve as an entry-level microbiology course and is intended as a one-semester survey of microbiology for health science students and as a first semester of a two-semester sequence for clinical laboratory sciences students.

Credit Hours: 4 hrs

Prerequisite: BIO 105 or BIO 110 or with department permission

Last Updated: Links 04/2011

CLSC 332 - Clinical Microbiology I

A lecture and laboratory course on the basic disease processes and pathogenesis of clinically-relevant microorganisms. The laboratory portion of this course will emphasize the standard microbiological techniques, including isolation, cultivation and identification. This course will serve as a first semester of a two-semester sequence for clinical laboratory science students.

Credit Hours: 3 hrs

Prerequisite: BIO 105 or BIO 110 or department permission

Concurrent Prerequisite: CLSC 200

Class Restrictions: Sophomore standing

Major Restrictions: Clinical Laboratory Science Program Majors only

Last Updated: Links 04/2011

CLSC 335 - Clinical Immunology

Lecture and laboratory presenting theory, basic principles, and practical experience in clinical immunology. The correlation of basic principles to human disease state.

Credit Hours: 3 hrs

Prerequisite: CLSC 200 or permission of instructor

Last Updated: Links 04/2011

CLSC 336 - Clinical Immunology Laboratory

This laboratory course will examine the immunological diagnostic techniques use in the clinical immunology laboratory, including fluorescence immunoassay's, enzyme immunoassay's, immunoelectrophoresis and latex agglutination testing.

Credit Hours: 1 hr

Concurrent Prerequisite: CLSC 335

Last Updated: Links 04/2011

CLSC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CLSC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CLSC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CLSC 387 - Cooperative Education in Clinical Laboratory Science

Three or four months of full-time employment at a clinical, research or industrial laboratory or related area chosen for providing a practical educational experience in clinical laboratory sciences. The program consists of two work experiences alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: CHEM 270 and CHEM 271; permission of program director

Notes: Offered on a graded or credit/no-credit basis

Last Updated: Links 04/2011

CLSC 401W - Laboratory Management/Education (Gen Ed Area I, W)

Basic management skills for laboratory personnel and laboratory. Personnel practices, equipment and reagent purchase, and laboratory information systems including computer applications, laboratory statistics and evaluation of methods are covered in this lecture course.

Credit Hours: 3 hrs

Prerequisite: CLSC 200 and MATH 170 or equivalent

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit. This course is offered as a part of the General Education Program and satisfies the Writing Intensive requirement.

Last Updated: Graduate Credit 07/2011; Links 03/2011

CLSC 402 - Clinical Chemistry

This lecture course covers the relationship of clinical chemistry to diagnosis, prognosis, and treatment of disease. Focus will be on testing procedures, instrumentation and controlling the functions in order to provide correct information to the medical staff.

Credit Hours: 3 hrs

Prerequisite: CHEM 351 or permission of instructor

Last Updated: 04/2011

CLSC 403 - Clinical Chemistry Laboratory

This laboratory course will examine the diagnostic testing used in the clinical chemistry laboratory. These procedures will include enzymatic diagnostic procedures, spectrophotometric analysis and protein electrophoresis using clinical samples.

Credit Hours: 1 hrs

Corequisites: CLSC 402

Last Updated: Links 04/2011

CLSC 405 - Cytotechnology Clinical Internship

Microscopic study of cellular alterations indicative of cancer and precancerous conditions, bacterial, viral and parasitic infections, and hormonal abnormalities; cytogenetics; and a research project.

Credit Hours: 14 hrs

Prerequisite: program approval

CLSC 406 - Cytotechnology Clinical Internship

Continuation of CLSC 405.

Credit Hours: 14 hrs

Prerequisite: program approval

Last Updated: Links 05/2011

CLSC 407 - Hematology

This lecture and laboratory course covers the theory and application of hematological test procedures, interpretation of results, problem solving, and correlation of laboratory findings with disease states.

Credit Hours: 3 hrs

Prerequisite: CLSC 200 or permission

Notes: Not open to those with credit in BIO 407.

Last Updated: Links 04/2011

CLSC 408 - Clinical Hematology Laboratory

This laboratory course will examine the hematological techniques used in the clinical hematology laboratory. These include the identification of abnormal blood cells, cell counting procedures and staining procedures used to identify abnormal blood cells.

Credit Hours: 1 hr

Concurrent Prerequisite: CLSC 407

Last Updated: Links 04/2011

CLSC 410A - Cytogenetics Clinical Internship

CLSC 410 and CLSC 411 cytogenetics clinical rotation I and II will be used for the clinical practice for the cytogenetics track in the CLS program. The student will set up tissue cultures, harvest cells, prepare slides for analysis and prepare analysis for a broad spectrum of genetic abnormalities. This will include photograph and computer-assisted chromosome analysis. Procedures will include chronic villus, fragile X and sister chromatid exchanges.

Credit Hours: 7 hrs

Prerequisite: program approval

Previously Listed As: CLSC 410; now split into CLSC 410A and CLSC 410B

Last Updated: Links 04/2011

CLSC 410B - Cytogenetics Clinical Internship

CLSC 410 and CLSC 411 cytogenetics clinical rotation I and II will be used for the clinical practice for the cytogenetics track in the CLS program. The student will set up tissue cultures, harvest cells, prepare slides for analysis and prepare analysis for a broad spectrum of genetic abnormalities. This will include photograph and computer-assisted chromosome analysis. Procedures will include chronic villus, fragile X

and sister chromatid exchanges.

Credit Hours: 7 hrs

Prerequisite: program approval

Previously Listed As: CLSC 410; now split into CLSC 410A and CLSC 410B

Last Updated: Links 04/2011

CLSC 411 - Cytogenetics, Clinical Internship II

Continuation of CLSC 410A or CLSC 410B.

Credit Hours: 14 hrs

Prerequisite: program approval

Last Updated: Links 04/2011

CLSC 412 - Clinical Laboratory

Individual Clinical Laboratory practicum experience. Experiences will be in the specialty areas of the clinical laboratory including, but not limited to molecular diagnosis.

Credit Hours: 14 hrs

Prerequisite: department permission

CLSC 416 - Basic Histotechnique and Histochemical Staining Methods

Didactic and practicum experience in preparing histologic sections for light microscopy, including the study of more than 50 different histologic staining methods and their specific applications.

Credit Hours: 12 hrs

Prerequisite: program approval

CLSC 417 - Basic Electron Microscopy

Didactic and practicum experience in basic biological electron microscopy. Electron microscopic histochemistry and special techniques are also covered. Emphasis is on the electron microscope as a medical diagnostic tool.

Credit Hours: 8 hrs

Prerequisite: program approval

CLSC 418 - Immunohisto-Cytochemistry

A course designed to teach basic and advanced procedures of fluorescent and enzyme-labeled antibody techniques. The course includes the preparation of tissues, staining with labeled antibodies and the use of fluorescence microscopes in clinical medicine and research.

Credit Hours: 4 hrs

Prerequisite: program approval

CLSC 419 - Internship Special Histotechnology Techniques

A course designed to present didactic and practicum experience in molecular pathology, including in-situ-hybridization and DNA analysis. Cytogenetics will be presented with emphasis on preparing karyotypes and chromosome identification. A research project will be required on a related topic, then formalized and presented as a lecture. Management and education methodologies will be presented.

Credit Hours: 4 hrs

Prerequisite: program approval

CLSC 432 - Clinical Microbiology

Course covers mechanisms of pathogenesis associated with specific bacterial, viral, fungal and parasitic etiological agents of human disease.

Credit Hours: 3 hrs

Prerequisite: CLSC 332 or permission

Last Updated: Links 04/2011

CLSC 433 - Clinical Microbiology Laboratory

Laboratory will cover methods of detection, isolation, enumeration and identification of human pathogenic microorganisms encountered in the clinical microbiology laboratory.

Credit Hours: 2 hrs

Concurrent Prerequisite: CLSC 432

Last Updated: Links 04/2011

CLSC 434 - Advanced Immunohematology

Principles and procedures used in the blood bank. The laboratory is designed to simulate problem situations in the clinical laboratory.

Credit Hours: 3 hrs

Prerequisite: CLSC 335 or permission

Last Updated: Links 04/2011

CLSC 450 - Clinical Hematology

An intensive, hands-on clinical experience in routine hematology, coagulation and special techniques at an advanced level.

Credit Hours: 4 hrs

Prerequisite: acceptance into clinical track

Last Updated: 2/4/2011

CLSC 452 - Clinical Immunology/ Immunohematology Practicum

An intensive, hands-on clinical experience at an advanced-level of instruction in blood banking, immunology and serology.

Credit Hours: 4 hrs

Prerequisite: acceptance into clinical track

CLSC 454 - Clinical Chemistry Practicum

An intensive, hands-on clinical experience at an advanced level of instruction in automated chemistry, radioimmunoassay, electrophoresis and toxicology.

Credit Hours: 4 hrs

Prerequisite: acceptance into clinical track

CLSC 456 - Clinical Microbiology Practicum

An intensive, hands-on clinical experience at an advanced-level of instruction in clinical microbiology.

Credit Hours: 4 hrs

Prerequisite: acceptance into clinical track

CLSC 459 - Clinical Microbiology Practicum II

This is an intensive introductory lecture and laboratory course highlighting medically important fungi, disease states and laboratory methods of isolation and identification.

Credit Hours: 3 hrs

Prerequisite: acceptance into clinical track or permission of instructor

CLSC 477 - Special Topics

Advanced level courses covering specific topics in clinical laboratory sciences not discussed in other clinical laboratory sciences courses.

Credit Hours: 1 hr

Prerequisite: permission of instructor

CLSC 478 - Special Topics

Advanced level courses covering specific topics in clinical laboratory sciences not discussed in other clinical laboratory sciences courses.

Credit Hours: 2 hrs

Prerequisite: permission of instructor

CLSC 479 - Special Topics

Advanced level courses covering specific topics in clinical laboratory sciences not discussed in other clinical laboratory sciences courses.

Credit Hours: 3 hrs

Prerequisite: permission of instructor

CLSC 487 - Cooperative Education in Clinical Laboratory Science

Three to four months of full-time employment at a clinical, research or industrial laboratory or related area chosen for providing a practical educational experience in clinical laboratory sciences. The program consists of two work experiences alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: CLSC 387, permission of program director

Notes: Offered on a or credit/no-credit basis.

Last Updated: Links 04/2011

CLSC 497 - Independent Study

Independent, original endeavors involving library and/or laboratory work under the guidance of a clinical laboratory program faculty member or clinical associate faculty member.

Credit Hours: 1 hr

Prerequisite: permission of the instructor

CLSC 498 - Independent Study

Independent, original endeavors involving library and/or laboratory work under the guidance of a clinical laboratory program faculty member or clinical associate faculty member.

Credit Hours: 2 hrs

Prerequisite: permission of the instructor

CLSC 499 - Independent Study

Independent, original endeavors involving library and/or laboratory work under the guidance of a clinical laboratory program faculty member or clinical associate faculty member.

Credit Hours: 3 hrs

Prerequisite: permission of the instructor

Dietetics

DTC 101 - Fundamentals of Personal Nutrition

How much do you know about nutrition and its impact on health, disease and lifestyle? This course will help you develop skills to critically evaluate the role of nutrition in a healthy lifestyle by providing an overview of nutrients, their functions, relationship to health and disease and explain how culture and society influences one's nutritional status.

Credit Hours: 3 hrs

DTC 108 - Careers in Nutrition and Dietetics

Orientation to dietetics profession by exploring its roles in the health care system, examining the different facets and specializations of the profession and investigating future trends.

Credit Hours: 2 hrs

Previously Listed As: DTC301, therefore students could not earn credit for both DTC108 and DTC301

DTC 155 - Fundamentals of Healthy Lifestyles

Current nutrition strategies to promote fitness and a healthy lifestyle.

Credit Hours: 2 hrs

DTC 177 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

DTC 178 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

DTC 179 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

DTC 201 - Nutrition Perspectives

Application of nutrition concepts and recommendations for health maintenance.

Credit Hours: 3 hrs

Notes: Not open to students who take DTC202, DTC203 or DTC204.

DTC 202 - Principles of Human Nutrition

A study of the functions and sources of nutrients as well as their role in health; topics include digestion, absorption and metabolism of energy nutrients; vitamin and mineral structure and function; energy balance and weight maintenance; eating disorders; nutrition and disease; food safety; and the world food situation.

Credit Hours: 3 hrs

Prerequisite: CHEM 121 and CHEM 122

Notes: Not open to students who take DTC 201, DTC 203 or DTC 204.

Last Updated: Links 04/2011

DTC 203 - Nutrition for Health Professionals

Study of the functions, digestion, absorption and metabolism of nutrients in health and wellness. Application of principles of medical nutrition therapy in the provision of care to clients in acute/long-term/and ambulatory care settings.

Credit Hours: 3 hrs

Prerequisite: CHEM 120

Corequisites: BIO 252

Last Updated: Links 04/2011

DTC 204 - Sports Nutrition

Study of sources, functions, digestion, absorption and metabolism of nutrients. Emphasis on diet in athletic training and exercise science.

Credit Hours: 3 hrs

Prerequisite: CHEM 120

Major Restrictions: Sports Medicine Majors only

Last Updated: Links 04/2011

DTC 251 - Experimental Foods

Nature and reactions of food explained in terms of chemical composition, microbial flora and manipulative practices.

Credit Hours: 4 hrs

Prerequisite: CHEM 121 and CHEM 122 and BIO 328

Last Updated: Links 04/2011

DTC 258 - American Regional Foods (Gen Ed Area IV)

This course meets the requirements for a social sciences course in the General Education Program because it covers regional American foods and the history, culture, food products and cuisines of fifteen culinary regions. The culinary regions are defined through geography, homogeneous food culture of indigenous people, the food culture of first settlers, foods and cooking techniques brought by immigrants and economic viability.

Credit Hours: 3 hrs

Area IV: Knowledge of the Disciplines

DTC 258 American Regional Foods [effective Fall 2012]

DTC 258 meets the requirements for a social sciences course in the General Education Program because students will use historical methods, ethnographic methods, material culture, and quantitative methods to understand the relationships between food and the human experience. The course covers regional American foods and the history, culture, food products, and cuisines of fifteen culinary regions. Students will complete an interview, make observations including a household food inventory project and food waste/recycling project, and study physical objects to gain a fundamental

understanding of how social science research methods can be used to study regional American foods and culture. Therefore, DTC 258 fulfills the Social Science requirement of the General Education Program.

Last Updated: General Education Approval, 7/2012 effective Fall 2012; New Course 03/2012

DTC 277 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

DTC 278 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

DTC 279 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

DTC 302 - Nutrient Metabolism: Macronutrients

A discussion of the biochemical and metabolic functions of carbohydrates, fats and proteins. Emphasis is on the cellular reactions and their relationships to human nutrition, health and disease.

Credit Hours: 3 hrs

Prerequisite: DTC 202, CHEM 351 and department permission

Last Updated: Links 04/2011

DTC 330 - Nutrition Therapy I

Students will be introduced to the Nutrition Care Process, components of nutrition screening and assessment; topics in medical nutrition therapy relevant to gastrointestinal, cardiovascular, diabetes and pulmonary disease will be included as will an introduction to renal disease, acid-based balance and nutrition support with emphasis with an emphasis on enteral support.

Credit Hours: 3 hrs

Prerequisite: DTC 202, CHEM 351 and department permission

Major Restrictions: Dietetics Majors and Nutrition Minors only

Last Updated: Links 04/2011

DTC 331 - Nutrition Therapy I Experience

Supervised practice experience in the medical nutrition therapy professional environment. Emphasis is on nutrition assessment utilizing the Nutrition Care Process Model and ADI charting system.

Credit Hours: 2 hrs

Prerequisite: DTC 202, CHEM 351, BIO 326 and department permission

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 350 - Food Systems Management I

Introduction to food systems management with emphasis on sanitation safety, equipment selection and operation, food purchasing, receiving and storage, and personnel management.

Credit Hours: 3 hrs

Prerequisite: DTC 251 and department permission

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 351 - Food Systems Management I Experience

Supervised practice experiences related to food systems management including food production and distribution, procurement and customer satisfaction. Students also become certified in food safety.

Credit Hours: 4 hrs

Prerequisite: DTC 251; department permission

Corequisites: DTC 350

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 358 - Food and Culture (Gen Ed Area III)

Global food supply issues can be understood within the context of culture. This course explores factors influencing global food supply including: religion, culture, society, agricultural and livestock capabilities, environmental changes affecting food sources, malnutrition, overfeeding, fair trade agreements for growers/producers, food availability, industrialization, traditional health beliefs and intercultural communication.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

DTC 358 Food and Culture

This course addresses many global issues such as fair trade, agriculture, religion, cultural intolerances and social dynamics that influence food preferences and food habits. Fairtrade issues are explored through study of small farms that grow coffee, tea, fruit, rice and sugar and sell to processors and distributors under fair trade certification. This is compared to large commercial operations and/or purchasing through the middleman system in developing countries. Religious preference also has a great influence on food habits around the world.

This course meets the General Education Global Awareness category because students are exploring global issues through food and food habits, exploring their own culture and food habits, exploring social dynamics and cultural intolerances that influence food habits and analyzing information from diverse sources to make informed decisions regarding global issues.

DTC 370 - Nutrition Therapy II

Development, implementation, and evaluation of nutrition care plans for individuals requiring medical nutrition therapy for liver disease, cancer, weight management, transplant, HIV-AIDS, metabolic stress including burns, wounds, sepsis, pediatric nutrition and total parenteral nutrition (TPN).

Credit Hours: 3 hrs

Prerequisite: DTC 330 and department permission

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 371L - Nutrition Therapy II Experience (Gen Ed Area V LBC)

Supervised clinical and ambulatory site based practice experiences in the clinical nutrition professional environment.

Credit Hours: 4 hrs

Prerequisite: DTC 330, DTC 331 and department permission

Corequisites: DTC 370

Major Restrictions: Dietetics Majors only

Last Updated: Gen Ed Approval 11/2011, effective Fall 2011; Links 04/2011

DTC 372 - Nutrition of the Life Cycle

Emphasis on nutrient needs and influencing factors for each of the physiological stages of the life cycle.

Credit Hours: 3 hrs

Prerequisite: DTC 202, DTC 203 or DTC 204; and department permission

Last Updated: Links 04/2011

DTC 375 - Complementary and Alternative Medicine

This course provides an overview of current strategies to integrate fundamental concepts of nutrition, and health promotion using complementary therapies, phytochemicals, nutraceuticals and herbology to establish a healthy lifestyle.

Credit Hours: 3 hrs

Prerequisite: DTC 202, DTC 203 or DTC 204; and department permission

Last Updated: Links 04/2011

DTC 377 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

DTC 378 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

DTC 379 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

DTC 422 - Nutrient Metabolism: Micronutrients

This course will explore the role of vitamins and minerals in basic biochemical pathways. The role of the micronutrients in these pathways will be integrated with nutritionally relevant physiological processes such as macronutrient metabolism, bone and collagen metabolism, erythropoiesis and gene expression.

Credit Hours: 3 hrs

Prerequisite: DTC 302; department permission

Class Restrictions: Junior or Senior standing

Major Restrictions: Dietetics Majors and Nutrition Minors only

Last Updated: Links 04/2011

DTC 430 - Nutrition Therapy III

Examination of federal, state, and local nutrition programs; conduct needs assessment in community and design appropriate education program.

Credit Hours: 3 hrs

Prerequisite: DTC 202 and department permission

Major Restrictions: Dietetics Majors and Nutrition Minors only

Last Updated: Links 04/2011

DTC 431W - Nutrition Therapy III Experience (Gen Ed Area I, W, or Area V LBC)

Supervised practice experience in a variety of community settings with emphasis on nutrition education techniques and the operation of federal, state and local nutrition programs.

Credit Hours: 4 hrs

Prerequisite: department permission

Corequisites: DTC 430

Major Restrictions: Dietetics Majors only

Previously Listed As: DTC 431L

or

This course is offered as a part of the General Education Program and satisfies **either** the Writing Intensive requirement **or** Area V (Learning Beyond the Classroom), Group 2, Option VI.

DTC 431W Nutrition Therapy III Experience [was DTC 431L]

A critical skill of the Registered Dietitian (RD) is the ability to communicate in a variety of ways including through the written word. RDs use this skill daily in their jobs, as well as during their educational years. Writing skills are essential in the dietetics field because they are used continuously and consistently throughout the career.

This course provides the opportunity for students to develop competence with a variety of genres used in the profession. One of these genres is health care documentation using the discipline-specific Nutrition Care Process. Students also learn to write for a variety of audiences by writing a legislative letter, a nutrition tip of the week article targeted at a general audience, and both health fair and education materials that are developed for more specific audiences. Students complete several additional assignments that have writing components including a strategic planning paper and flow of

services project. The major assignment for this course is a 3-tier program planning project consisting of a community needs assessment, a program planning assignment, and two nutrition articles, one for professionals and one for a lay audience. Each of these assignments uses a different type of writing and is representative of writing across the discipline. Of the final grade in DTC 431W, almost 60% is based on writing assignments.

Due to the extensive writing in this course related to the role of the RD in the nutrition discipline, and instruction and support connected to that writing, DTC 431W fulfills the Writing Intensive requirement for the dietetics major.

Last Updated: Gen Ed Approval (WI) 03/2012, effective Fall 2012; Gen Ed Approval (LBC) 11/2011; Links 04/2011

DTC 435 - Seminar in Dietetics

Analysis and application of research topics and techniques as they apply to the field of dietetics.

Credit Hours: 2 hrs

Prerequisite: department permission

Class Restrictions: Senior standing

Major Restrictions: Dietetics Majors only

DTC 450 - Food Systems Management II

Advanced topics in food systems management including leadership, development of employees, accountability, budgeting, financial management, information management and managing change. Students will also prepare a professional portfolio.

Credit Hours: 2 hrs

Prerequisite: DTC 350, DTC 351 and department permission

Last Updated: Links 04/2011

DTC 451 - Food Systems Management II Experience

Supervised practice experiences that include documentation of competencies related to advanced food systems management. Students plan and implement a theme meal, conduct employee training and a quality improvement project.

Credit Hours: 4 hrs

Prerequisite: DTC 350, DTC 351 and department permission

Corequisites: DTC 450

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 459 - Development of Entrepreneurial Dietitian

This course emphasizes the role of the nutrition entrepreneur in the conceptualization, planning and marketing for a start-up enterprise or private practice. The focus will be on developing a business plan for a new venture and will consider legal and ethical issues in nutrition.

Credit Hours: 3 hrs

Prerequisite: DTC 108, DTC 202 and department permission

Major Restrictions: Intent to pursue Dietetics or acceptance to the Dietetics program

Last Updated: Links 04/2011

DTC 470 - Nutrition Therapy IV

Formulation, implementation, and evaluation of nutritional care plans for individuals requiring medical nutrition therapy focusing on abnormal nutrient metabolism, trauma and critical illness, examination of enteral and parenteral nutrition regimens, fluid electrolyte balance and acid-base management.

Credit Hours: 2 hr

Prerequisite: DTC 430 and department permission

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 471 - Nutrition Therapy IV Experience

Supervised practice experience in the medical nutrition therapy professional environment. Focus is on complicated disease states and the management of enteral and parenteral nutrition regimens.

Credit Hours: 4 hrs

Prerequisite: DTC 431W and department permission

Corequisites: DTC 470

Major Restrictions: Dietetics Majors only

Last Updated: Links 04/2011

DTC 477 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hrs

Prerequisite: department permission

DTC 478 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

DTC 479 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

DTC 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

DTC 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

DTC 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Health Administration

HLAD 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

HLAD 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

HLAD 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

HLAD 250 - Introduction to Public Health

This course will survey public health organizations, services, and the philosophical, legal and ethical complications of public health problems. Health status of populations, anticipation, prevention and responses to epidemics and other threats to community health will be discussed. Illustrations will be used from an international perspective.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

HLAD 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

HLAD 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

HLAD 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

HLAD 287 - Cooperative Education in Health Education

Employment for pay in a work setting chosen to provide practical experience related to health administration. The cooperative education sequence consists of two work experiences (HLAD287/387) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Major Restrictions: Health Administration Majors only

HLAD 305 - The U.S. Health Care System

A survey of important issues facing the health field: the U.S. health care system and the relationship between components; the changing nature of the health field and implications for the future.

Credit Hours: 3 hrs

Notes: (encouraged in sophomore year or early junior year).

HLAD 307W - Communication Effectiveness in Health Administration (Gen Ed Area I, W)

This course offers a structured approach to the principal categories of formal communication within health care systems and organizations. The course highlights the need for precision and the uniqueness of the health care system as specialized venue for communications. The course includes formal writing, oral communications, writing for internal or external technical reports, proposals and evaluations. The course concludes with an assessment of evolving electronic media for communications within health systems.

Credit Hours: 3 hrs

Corequisites: HLAD 305

Major Restrictions: Health Administration Major and Intent

Last Updated: Links 04/2011

HLAD 308 - Ethical Dimensions in Health Care Delivery

This course presents information that students interested in the health professions may use to identify ethical situations and to resolve dilemmas they may face in their professional lives.

Credit Hours: 3 hrs

HLAD 310 - Administration of Health Care Organizations

Analysis of modern health care organizations with emphasis on management structure, boards of trustees, administration, physicians and others. Delivery of institutional patient care, role of professionals and other personnel, and departmental interrelatedness.

Credit Hours: 3 hrs

Prerequisite: HLAD 305

Last Updated: Prerequisites 03/2012; 2002

HLAD 311 - Management of Health Services

A continuation of HLAD 310, emphasizing quantitative methods in program implementation, control and evaluation. The administrative role in financial control, the legal aspects of control and the control of human resources is examined.

Credit Hours: 3 hrs

Prerequisite: HLAD 310

Last Updated: Links 04/2011

HLAD 312 - Health Personnel Management and Development

This course examines the concepts, models and methods used in managing and developing human resources in health care provider organizations as well as in the health care system as a whole.

Credit Hours: 3 hrs

Prerequisite: HLAD 305

Last Updated: Links 04/2011

HLAD 315 - Research Methods and Data Analysis in Health Sciences

Introduction to the application of statistical methods and research design to a range of practice and research problems in the health sciences.

Credit Hours: 3 hrs

Prerequisite: college algebra

HLAD 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

HLAD 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

HLAD 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

HLAD 387 - Cooperative Education in Health Education

Employment for pay in a work setting chosen to provide practical experience related to health administration. The cooperative education sequence consists of two work experiences (HLAD 287/HLAD 387) alternating with full-time attendance at the University.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: Links 04/2011

HLAD 390 - Poverty, Human Rights and Health (Gen Ed Area III)

This interdisciplinary course examines connections between poverty, human rights and health, focusing on how social/political structures and public policies affect human well being. Prerequisite for HLAD 391/PLSC 391, experiential learning through a class trip to a developing country to meet community organizers and policy specialists working on poverty and health issues.

Credit Hours: 3 hrs

Class Restrictions: Sophomore, Junior or Senior standing

Cross-Listed with: PLSC 390

Area III: Perspectives on Diverse World

HLAD 390 Poverty, Human Rights and Health [effective Spring 2008]

Poverty is a central, if not the central, global problem of our time: it is connected to, or underlies, multiple problems and issues such as pandemics, regime instability, civil strife, terrorism and war. This course addresses the extent and causes of global economic inequality as well as the effects of profound poverty on health, human rights, human development and the quality of individual life. It explores the patterns of social, political and economic domination that sustain poverty and limit the opportunities of the very poor. Particular attention is devoted to the role of international economic institutions, multinational corporations and the advanced industrial nations, including the United States, in shaping the politics and economic development of countries and peoples in the global South. The course will also introduce students to international standards of human rights and the institutions and organizations that seek to protect those rights.

Last Updated: Links 04/2011

HLAD 391 - Field Study: Global Experience - Poverty, Human Rights and Health

Interdisciplinary course offering experiential learning through travel abroad to develop country to meet community organizers and policy specialists working on poverty and health issues. Examines connections between poverty, human rights and health, focusing on how social/political structures and public policies affect human well being.

Credit Hours: 3 hrs

Prerequisite: HLAD 390/PLSC 390

Class Restrictions: Sophomore, Junior or Senior standing

Cross-Listed with: PLSC 391

Last Updated: Links 04/2011

HLAD 401 - Legal Issues in Health Care

This is a survey of the laws that govern the health care system. Litigation, malpractice, contract, regulation, licensure of health care personnel and the use of human subjects in medical research are among the topics discussed.

Credit Hours: 3 hrs

HLAD 402 - Health Policy

This course provides an overview of the American political system, the policy process and the impact on health policy in the United States. Topics include structure of the U.S. political system, public policy process, evolution of the American health insurance system, governmental programs, financing of health care, and other health policy issues.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or higher

Last Updated: New Course 10/2011, effective Winter 2012

HLAD 416 - Health Planning

This course examines in detail the essence of health planning as practiced in the health care industry. Topics include the history of health planning, planning theory and conceptual foundations, public sector planning and policy-making, private-sector planning and health planning methods. Special emphasis is placed on health planning as an ongoing process that should be developed by health care organizations in order to be successful.

Credit Hours: 3 hrs

Prerequisite: HLAD 310

Last Updated: Links 04/2011

HLAD 417 - Health Regulation (TO BE DELETED)

This course will provide an overview of health care regulation from the perspective of providers, the government regulator and the general citizenry. Topics of discussion will include licensing and private accreditation, the regulation relating to cost containment, alternative delivery systems, health care reform, rate regulation and health planning.

Credit Hours: 3 hrs

Prerequisite: HLAD 310

Course Revisions:

Course Revisions: This course will be deleted, effective Summer 2013.

Last Updated: Course Deletion 09/2012, effective Summer 2013; Links 04/2011

HLAD 418 - Principles of Healthcare Finance Management

Principles of Healthcare Finance provides students with procedures and techniques that assist healthcare managers in accomplishing the health care organizations purpose.

Credit Hours: 3 hrs

Prerequisite: HLAD 305/HLAD 310 and ACC 240

Last Updated: Links 04/2011

HLAD 419 - Legal and Regulatory Issues in Health Care

This course examines the major legal and regulatory aspects of health care administration and the impact of the U.S. political system on health care systems. American political systems, litigation,

malpractice, contracts, statutes, regulations, and legal issues for health care personnel are among the topics discussed.

Credit Hours: 4 hrs

Prerequisite: HLAD 310

Class Restrictions: Junior standing or higher

Last Updated: New Course 10/2011, effective Winter 2012

HLAD 420 - Health Insurance and Reimbursement

This course focuses on health insurance and other reimbursement methods. Key topics include private and public sectors insurance, underwriting principles, insurance contracts, inpatient and outpatient payment, mechanisms, regulations and reserves as they apply to the health care system.

Credit Hours: 3 hrs

Prerequisite: HLAD 310

Last Updated: Links 04/2011

HLAD 421 - Managed Care

This course will provide an overview of the managed-care industry. It will discuss the origins of managed care, the mechanics of managed care, and the effects of managed care across the various constituencies involved (purchaser, provider and patient). The role of managed care in the area of health reform will also be treated in some detail.

Credit Hours: 3 hrs

Prerequisite: HLAD 420

Last Updated: Links 04/2011

HLAD 425 - Decision Making for Health Administrators

The integration of many knowledge areas into health administration. A capstone course utilizing case studies, role playing, simulation and games.

Credit Hours: 3 hrs

Prerequisite: HLAD 420

Last Updated: Links 04/2011

HLAD 460 - Long-Term Care Administration

This course is for students seeking a career in long-term care services, or the regulation of long-term care. Long-term care includes care for the aged and other vulnerable people due to disease or trauma. Students will study the continuum of care and specific expectations of nursing home administrator

licensing examinations.

Credit Hours: 3 hrs

Prerequisite: HLAD 310 or HLAD 510

Class Restrictions: Senior standing

Last Updated: Links 04/2011

HLAD 476 - Introduction to Healthcare Informatics

This course introduces students to key management issues related to healthcare informatics, focusing on management strategies, evaluation methods, and strategic planning for systems and security management. The course provides advanced conceptual models, applications, methods, and management strategies related to information systems in health services organizations.

Credit Hours: 3 hrs

Prerequisite: (CIS Track: IS 215, IS 320, IS 380) OR (COSC Track: COSC 111, COSC 211, and either COSC 231 or COSC 215)

Class Restrictions: Junior standing

Last Updated: Links 04/2011

HLAD 477 - Special Topics

For seniors. Topics included will depend upon the interests of the students and the faculty member's field of specialization. Topics generally include planning, regulation, and issues of special populations such as the homeless and prisoners.

Credit Hours: 1 hr

Prerequisite: department permission

HLAD 478 - Special Topics

For seniors. Topics included will depend upon the interests of the students and the faculty member's field of specialization. Topics generally include planning, regulation, and issues of special populations such as the homeless and prisoners.

Credit Hours: 2 hrs

Prerequisite: department permission

HLAD 479 - Special Topics

For seniors. Topics included will depend upon the interests of the students and the faculty member's field of specialization. Topics generally include planning, regulation, and issues of special populations such as the homeless and prisoners.

Credit Hours: 3 hrs

Prerequisite: department permission

HLAD 480 - Internship Seminar in Health Administration

Seminar for those students taking an internship to provide a forum for the exchange of ideas and experiences.

Credit Hours: 2 hrs

Prerequisite: HLAD 310 and department permission

Last Updated: Links 04/2011

HLAD 488 - Internship

Internship to provide formally structured and directed work experience to assist in integrating classroom learning with professional perspectives and working requirements.

Credit Hours: 6 hrs

Prerequisite: Program permission

Concurrent Prerequisite: HLAD 480

Last Updated: Links 04/2011

HLAD 497 - Independent Study

Under the supervision of a health administration faculty member, study in subjects not covered in other course offerings, or advanced study in areas of special interest to the student.

Credit Hours: 1 hr

Prerequisite: program permission

HLAD 498 - Independent Study

Under the supervision of a health administration faculty member, study in subjects not covered in other course offerings, or advanced study in areas of special interest to the student.

Credit Hours: 2 hrs

Prerequisite: program permission

HLAD 499 - Independent Study

Under the supervision of a health administration faculty member, study in subjects not covered in other course offerings, or advanced study in areas of special interest to the student.

Credit Hours: 3 hrs

Prerequisite: program permission

HLAD 510 - Medical Care Organization

A theoretical approach to the medical care system that allows the consideration of the key problems and issues such as DRG-based prospective payment, alternative delivery systems, and cost-quality tradeoffs.

Credit Hours: 3 hrs

Prerequisite: Minimum 2.8 GPA

Class Restrictions: Senior standing

Notes: This is a graduate course in an undergraduate program.

Health Sciences

AHPR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AHPR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AHPR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AHPR 196 - Introduction to Health Careers

An introductory course designed to familiarize the student with careers in the health sciences. Various careers such as medical technology, nursing, dietetics, health administration, occupational therapy, medicine, clinical psychology, physical therapy and others will be presented by individuals in the respective disciplines. Education requirements, career opportunities, and clinical experience requirements will be highlighted.

Credit Hours: 2 hrs

AHPR 200 - Medical Terminology

A detailed study of medical terminology, through which students will achieve a working medical vocabulary. Anatomical terms and terminology relating to diseases and disease processes will be presented. This course is designed for students entering a health-related education program, and is a prerequisite for admission to the occupational therapy program.

Credit Hours: 1 hr

Last Updated: Grading Type 03/2012

AHPR 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AHPR 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AHPR 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AHPR 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AHPR 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AHPR 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AHPR 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AHPR 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AHPR 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AHPR 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hrs

Prerequisite: department permission

AHPR 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

AHPR 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Occupational Therapy

OCTH 100 - Orientation to Occupational Therapy

An overview of roles and functions of occupational therapists in a variety of settings. Career information is explored including helping skills, comparison to other fields, salaries, outlook and application process.

Credit Hours: 3 hrs

OCTH 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 201 - Exploring Occupational Performance in the Community

Through service learning experiences at community agencies, the student will be given opportunities to work with individuals with occupational dysfunction. A seminar will accompany the fieldwork to allow students to reflect upon their experiences, the barriers to participation that exist in the community and the impact of disability on occupation.

Credit Hours: 3 hrs

OCTH 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 287 - Cooperative Education in Occupational Therapy

A two-course sequence that provides a work position designed to offer experience related to occupational therapy while the student receives academic credit and financial support. Available to students pursuing the profession of occupational therapy at the freshmen, sophomore or junior levels. Consists of either full-time work experience alternating with full-time attendance at the University, or a combination of part-time work and academic courses. Cooperative education does not substitute for occupational therapy Fieldwork I or II.

Credit Hours: 3 hrs

Prerequisite: Approval of the Cooperative Education Office and program permission

Last Updated: Links 04/2011

OCTH 350 - Exploring Occupational Performance in the Context of a Disability

This course will provide opportunities for the student to reflect on the experiences of individuals with disabilities through the use of movies, documentaries, literary works, visual arts and a fieldwork experience. Students will explore the effect of the disability on the individual's quality of life and discuss occupational dysfunction.

Credit Hours: 3 hrs

OCTH 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 387 - Cooperative Education in Occupational Therapy

A two-course sequence that provides a work position designed to offer experience related to occupational therapy while the student receives academic credit and financial support. Available to students pursuing the profession of occupational therapy at the freshmen, sophomore or junior levels. Consists of either full-time work experience alternating with full-time attendance at the University, or a combination of part-time work and academic courses. Cooperative education does not substitute for occupational therapy Fieldwork I or II.

Credit Hours: 3 hrs

Prerequisite: OCTH 287

Last Updated: Links 04/2011

OCTH 412 - Models of Practice

This course will introduce the student to the theories and models of practice that are the foundations of practice in occupational therapy. Models from other fields that inform the occupational therapist's understanding of occupational performance will also be discussed. Students will analyze models and apply knowledge to selected cases.

Credit Hours: 3 hrs

Prerequisite: EDPS 325 or IHHS 260

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

OCTH 419 - Programming I

Students will have opportunities to learn methods of evaluating occupational performance issues present in selected conditions that affect the child from birth to adolescence. The effect of environmental, cultural, and social factors on occupational performance is emphasized. Students use critical thinking skills to develop intervention plans using theoretically sound techniques.

Credit Hours: 6 hrs

Prerequisite: OCTH 412, OCTH 495, OCTH 500W, OCTH 502

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

OCTH 420 - Level I Fieldwork I

Exploring the role of an occupational therapist in a clinical setting.

Credit Hours: 3 hrs

OCTH 477 - Special Topics

Experimental courses or special topics in occupational therapy may be offered.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 478 - Special Topics

Experimental courses or special topics in occupational therapy may be offered.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 479 - Special Topics

Experimental courses or special topics in occupational therapy may be offered.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 480 - Special Topics

Experimental courses or special topics in occupational therapy may be offered.

Credit Hours: 4 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 495 - Neurological Foundations of Human Occupation

Students will pursue knowledge in the neurosciences related to function and dysfunction of the central nervous system. Emphasis is placed on integrated brain function impacting daily living and occupational performance. Related clinical conditions will be correlated with research investigations that support appropriate and current interventions in occupational therapy.

Credit Hours: 3 hrs

Prerequisite: BIO 330; EDPS 325 or IHHS 260

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

OCTH 497 - Independent Study

Independent work following an approved plan to develop knowledge in specialized areas.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 498 - Independent Study

Independent work following an approved plan to develop knowledge in specialized areas.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 499 - Independent Study

Independent work following an approved plan to develop knowledge in specialized areas.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

OCTH 500W - Philosophy of Occupational Therapy (Gen Ed Area I, W)

Through readings, classroom discussions and group experiences, the students will collectively develop an understanding of the philosophy of occupational therapy. This course includes analysis of experiences and examination of the documents of the profession to develop a view of occupational therapy practice today.

Credit Hours: 3 hrs

Prerequisite: Admission to program

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCTH 502 - Theory and Analysis of Occupation

Students will use laboratory, discussions, lecture, readings, observations and interviews as methods of learning about the science of occupation. This course places emphasis on the individual's experience of occupation, and the exploration of its personal, social and cultural meanings.

Credit Hours: 3 hrs

Notes: This is a graduate course in an undergraduate program.

OCTH 516 - Level I Community Fieldwork II

Students will complete a part-time fieldwork experience in a community agency. Fieldwork experiences will be accompanied by a seminar.

Credit Hours: 3 hrs

Prerequisite: OCTH 502 and BIO 330

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCTH 517 - Level I Community Fieldwork III

Students will complete a part-time fieldwork experience in a community agency or in an occupational therapy setting. Students will also participate in a directed seminar.

Credit Hours: 3 hours

Prerequisite: OCTH 516, OCTH 640 and BIO 330

Corequisites: OCTH 619

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCTH 519 - Programming II

Students will have opportunities to learn methods of evaluating occupational performance issues present in selected conditions that affect individuals from adolescence to middle adulthood. The effect of environmental, cultural and social factors on occupational performance is emphasized. Students use critical thinking skills to develop intervention plans using theoretically sound techniques.

Credit Hours: 6 hrs

Prerequisite: OCH 419 and OCH 420

Corequisites: OCH 516

Class Restrictions: Seniors and Master's students only

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCH 540 - Research Methods I

This course introduces students to research methods used in occupational therapy. Students develop beginning skills in formulation of research questions, proposal development, approaches to design and implementation, and dissemination of results. Students choose research advisers and begin to participate in research with their adviser.

Credit Hours: 3 hrs

Prerequisite: MATH 360, MATH 370, MATH 571, MATH 574, SOCL 250, EDPS 621 or EDPS 651

Class Restrictions: Junior standing or above

Notes: This is a graduate course in and undergraduate program.

Last Updated: Links 04/2011

OCH 588 - Fieldwork Level II: Clinical Skills

Students will be assigned to a 12-week fieldwork experience designed to develop and refine clinical skills. This may be completed on a part-time or a full-time basis.

Credit Hours: 6 hrs

Prerequisite: Completion of all academic work and faculty approval

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCH 589 - Fieldwork Level II: Clinical Skills

Students will be assigned to a 12-week fieldwork experience designed to develop and refine clinical skills. This may be completed on a part-time or a full-time basis.

Credit Hours: 6 hrs

Prerequisite: Completion of all academic work and faculty approval

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCTH 600 - Supervision and Professional Roles

This course covers the management of occupational therapy services in multiple environments. Students will learn grant-writing skills and complete a capstone project developing an OT program for use in a nontraditional setting.

Credit Hours: 3 hrs

Prerequisite: OCTH 517 and OCTH 619

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCTH 619 - Programming III

Students will have the opportunity to learn methods of evaluating occupational performance issues that affect individuals from middle to older adulthood. The effect of environmental, cultural and social factors on occupational performance is emphasized. Students use critical thinking skills to develop intervention plans using theoretically sound techniques.

Credit Hours: 6 hrs

Prerequisite: OCTH 516 and OCTH 519

Corequisites: OCTH 517

Class Restrictions: Master's students only

Last Updated: Links 04/2011

OCTH 686 - Culminating Project I

Under the direction of their research adviser, students will carry out a research project and develop beginning proficiency in proposal development and research skills. The completion of the project will occur in OCTH 687.

Credit Hours: 3 hrs

Prerequisite: OCTH 540

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

OCTH 687 - Culminating Project II

Under the direction of their research adviser, students will complete research projects begun in OCTH 686 and disseminate their findings. This is the culminating project in the research sequence of the master's of occupational therapy (MOT) degree.

Credit Hours: 3 hrs

Prerequisite: OCH 686

Notes: This is a graduate course in an undergraduate program.

Last Updated: Links 04/2011

Therapeutic Recreation

THRC 100 - Foundation and Advancement of the Therapeutic Recreation Profession

This course is designed as an introductory course to the therapeutic recreation profession. Historical development, accreditation regulations, professional development, credentialing, service models, advocacy, ethics and professional associations will be covered. Students will also develop an initial portfolio for their own professional preparation.

Credit Hours: 3 hrs

Last Updated: Title and description change 5/2012; effective WINTER 2013

THRC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 180 - Activity Analysis and Adaption

Develops the skills necessary to analyze activities to find inherent characteristics that contribute to program objectives for special populations. Components of activity analysis (physical, cognitive, affective and social/interactional skills) are studied in detail. Lecture, discussion and experiential learning.

Credit Hours: 2 hrs

THRC 200 - Recreation for Persons with Disabilities

This course is designed to familiarize students with the nature and scope of recreation for people with disabilities. The course will explore social, environmental and psychosocial issues that influence the leisure lifestyle of people with disabilities. Other topics include: barriers to leisure participation, activity adaptation and characteristics of diagnostic groups.

Credit Hours: 3 hrs

THRC 250 - Fieldwork in Recreation Therapeutic Recreation

An introductory course in fieldwork. Students select a site for recreation leadership within a community or clinical setting. Students spend 60 hours on-site and participate in five classroom meetings.

Credit Hours: 1 hr

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 251 - Fieldwork in Recreation Therapeutic Recreation

An introductory course in fieldwork. Students select a site for recreation leadership within a community or clinical setting. Students spend 60 hours on-site and participate in five classroom meetings.

Credit Hours: 1 hr

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 252 - Fieldwork in Recreation Therapeutic Recreation

An introductory course in fieldwork. Students select a site for recreation leadership within a community or clinical setting. Students spend 60 hours on-site and participate in five classroom meetings.

Credit Hours: 1 hr

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 290 - Quality Improvement: Research Methods in Health Care

This course is designed to prepare the entry-level health care practitioner with a knowledge of continuous quality improvement techniques which focus on process and outcome measures relevant to individual disciplines. The student will develop an understanding of applied research methodology and its application to CQI development and evaluation.

Credit Hours: 3 hrs

THRC 300 - Principles of Therapeutic Recreation

Principles of Therapeutic Recreation is an introductory course designed to familiarize students with the diverse nature and scope of the therapeutic recreation profession. The course content includes an analysis of: historical and philosophical influences, service models, service settings, practice standards, ethics, quality improvement, credentialing, consulting and terminology.

Credit Hours: 3 hrs

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 310 - Leisure and Aging

This course will examine the physical, psychological and affective characteristics of aging, implications of leisure and retirement, and recreational services provided in community and institutional settings.

Credit Hours: 3 hrs

THRC 320 - Leisure Education

Concepts and techniques of leisure education for use with all populations. Leisure awareness, social interaction skills, leisure activity skills and leisure resources. Educates the student as a provider of leisure services. Lecture, speakers, readings and participation.

Credit Hours: 3 hrs

THRC 330 - Therapeutic Recreation: Substance Abuse

The use of leisure and recreation in the prevention and/or rehabilitation of chemical dependency. Skill development in areas of leisure education, group dynamics, facilitation techniques, communication, values clarification, decision-making, games and sports, new games, socialization and outdoor/nature techniques, and family leisure education. Lectures, discussions and experiential learning.

Credit Hours: 3 hrs

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 340 - Therapeutic Recreation Processes I

Introduction to specific techniques used in therapeutic recreation, including counseling theory, psychotherapies, medical terminology and transfers and lifts. Lecture, speakers, assessments and 30 hours of fieldwork.

Credit Hours: 3 hrs

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 360 - Therapeutic Recreation Program Planning

This course is designed to provide the therapeutic recreation student with knowledge in the planning and development of programs to achieve goals, objectives and strategies through the use of structured and systematic interventions that improve client functioning and independence in life activities and leisure functioning.

Credit Hours: 3 hrs

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 400 - Therapeutic Recreation Process II

This course is designed to familiarize students with best-practice interventions used in the treatment/program planning process, medical record documentation and evaluation techniques. Emphasis will be placed on exploring established activity-based protocols and potentially new protocols applicable to rehabilitation and health promotion settings.

Credit Hours: 3 hrs

Prerequisite: THRC 100

Last Updated: Links 03/2011

THRC 430W - Issues in Therapeutic Recreation (Gen Ed Area I, W)

This required course is designed for the senior therapeutic recreation major. Students will gain an awareness of the current issues affecting the practice of therapeutic recreation.

Credit Hours: 3 hrs

Prerequisite: THRC 200/THRC 300

Last Updated: Gen Ed Approval 09/2011, effective Fall 2011; Links 03/2011

THRC 449 - Therapeutic Recreation Practicum

A full-time, 15-week, 600-hour experience in an approved hospital, outpatient or community setting under direction of a certified therapeutic recreation specialist and University supervisor. Leadership, supervisory and administrative experience of a practical nature.

Credit Hours: 8 hrs

Prerequisite: Candidate status for a minimum of one semester prior to application for practicum; completion of 90 percent of all academic courses including THRC 100, THRC 200, THRC 250, THRC 260, THRC 300, THRC 340, THRC 360, THRC 400, THRC 460; completion of 250 hours of fieldwork; grade point average of 2.5 overall and 2.75 in all major classes

Last Updated: Links 03/2011

THRC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

THRC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission.

Last Updated: Links 03/2011

THRC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission.

Last Updated: Links 03/2011

THRC 481 - Adapted Aquatics

Aquatic instructional techniques in working with special populations including physically disabled, developmentally disabled, emotionally impaired and the aged. Lectures, films, swimming skills, adaptations of swimming skills and 20 hours of fieldwork.

Credit Hours: 2 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

THRC 497 - Directed Study

An opportunity for directed study in areas not covered in other course offerings, or greater depth of study in areas of continued interest for the student. Students will be assigned to select faculty members for direction, consultation, and evaluation of the completed study or project.

Credit Hours: 1 hr

Class Restrictions: Junior standing or above only

Major Restrictions: Department Majors and Minors only

Notes: Open only to students who have attained a GPA of 3.0 or above and who have completed the appropriate background courses.

THRC 498 - Directed Study

An opportunity for directed study in areas not covered in other course offerings, or greater depth of study in areas of continued interest for the student. Students will be assigned to select faculty members for direction, consultation, and evaluation of the completed study or project.

Credit Hours: 2 hrs

Class Restrictions: Junior standing or above only

Major Restrictions: Department Majors and Minors only

Notes: Open only to students who have attained a GPA of 3.0 or above and who have completed the appropriate background courses.

THRC 499 - Directed Study

An opportunity for directed study in areas not covered in other course offerings, or greater depth of study in areas of continued interest for the student. Students will be assigned to select faculty members for direction, consultation, and evaluation of the completed study or project.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or above only

Major Restrictions: Department Majors and Minors only

Notes: Open only to students who have attained a GPA of 3.0 or above and who have completed the appropriate background courses.

School of Nursing Programs and Courses

School of Nursing

Major

Nursing Major

The Nursing Program is approved by the State of Michigan Board of Nursing and is accredited by the Commission on Collegiate Nursing Education. The undergraduate curriculum leads to the Bachelor of Science in Nursing (B.S.N.) degree and requires the following courses to complete the 124 hours needed for graduation. Curriculum revisions may result in changes in the nursing courses listed below, as well as the pre-admission courses. Potential nursing students should consult with the College of Health and Human Services Advising Office for the most accurate information at 734.487.0918.

There are three options within the undergraduate Nursing Program at Eastern Michigan University:

1. Traditional B.S.N. - for students who are NOT already Registered Nurses and who do NOT possess a Baccalaureate Degree in another discipline.
2. R.N. to B.S.N. - for students who are already Registered Nurses (generally with a diploma or Associates Degree) who wish to obtain a Baccalaureate Degree in Nursing. This is the Nursing Major - B.S.N. Completion.
3. Second Degree (B.S.N.) - for students who possess a Baccalaureate Degree in another discipline and wish to obtain a Baccalaureate Degree in Nursing. This is the Nursing Major - B.S.N. Second Degree.

Traditional B.S.N. Option

Admission to the University and indication of intent to enter the nursing curriculum do not guarantee admission to the Nursing Program. Admission to the Nursing Program is a separate application and admission process. Prospective students should contact the College of Health and Human Services Advising Office at 734.487.0918 prior to their first semester and obtain a schedule of the School of Nursing information sessions. Plan to attend one of these sessions.

All completed applications must be received in the School of Nursing office (311 Marshall) by 5 p.m. on May 15 of each calendar year.

Applicants are considered for selection into the Nursing Program upon completion of the following pre-admission courses with a GPA of 3.0 or better:

1. Completion of Quantitative Reasoning (Gen Ed Area II) 3 hrs
2. CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV) 4 hrs
3. ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
4. PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
5. One of the two options below:
 - SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
 - or
 - ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs

6. One of the two options below:
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs
 - or
 - EDPS 325 - Life Span Human Growth and Development 4 hrs
7. One of the following two course sequences:
- SPMD 201 - Human Anatomy for Sports Medicine 3 hrs
 - and
 - SPMD 202 - Human Physiology for Sports Medicine 3 hrs
- OR**
- BIO 251 - Human Anatomy and Physiology I 4 hrs
 - and
 - BIO 252 - Human Anatomy and Physiology II 4 hrs

Recommended:

NURS 110 - Recommended and counts toward points for admission to the program. Helps to prepare students for the rigor of the undergraduate curriculum.

The University may give credit for nursing courses taken at another college of university; however, the School reserves the right to make the final decision on course substitution based on examination of course materials. Requirements may vary based on prior education. Students must speak with a pre-admission counselor in the CHHS Intent Advising Office (734.387.0918) for details.

Additional factors that are considered for admission to the nursing program include:

Official transcripts from all other schools and universities
TOEFL score if English is a second language
Completion of the ATI-TEAS examination (arranged during Winter term of freshman year)
Science GPA
Health Care related work experience
Completion of course work at EMU versus other colleges and universities
Math or English waiver with ACT/SAT/CLEP
Satisfactory completion of NURS 110

Applicants must submit a criminal background check, physical examination, and drug screening in order to receive confirmation of admission to the Nursing Program.

Following admission to the Nursing Program, and prior to taking the 300-level nursing courses, students must successfully complete:

- DTC 203 - Nutrition for Health Professionals 3 hrs

And

- Either BIO 328 - Introductory Microbiology 3 hrs
- or CLSC 432 - Clinical Microbiology 3 hrs

Nursing courses must be taken in the sequence specified by the School of Nursing.

Program Total

Students should plan carefully for the demanding nature of the Nursing Program and the extensive clinical hours required. Students must earn a minimum of 124 credits at the 100-level or above. The program requires five to six semesters of study and the School reserves the right to make changes in the curriculum as needed. To be eligible for graduation, the program (124 hours) must be completed within six calendar years from the date of enrollment in NURS 208. Eligibility to take the NCLEX exam (required to earn Registered Nurse licensure) is dependent upon graduation from the University with a B.S.N. degree.

Academic and Professional Integrity

Students are expected to assume responsibility for their learning, to support the ethics and goals of the profession and to value honesty in the fulfillment of scholarly and professional endeavors. Students must abide by the University code of conduct. Students who violate the University code of conduct will be subject to appropriate disciplinary action.

The School of Nursing recognizes its responsibilities to the public and to the nursing profession. Students and faculty must promote academic and professional integrity and take action when a violation of such integrity occurs. The School reserves the right to retain only those students who, in the judgment of the faculty, satisfy the requirements of scholarship, clinical competence, and professional and personal integrity suitable for nursing.

Clinical Learning Experience

Practical experience in nursing is provided through clinical learning experiences under the supervision of faculty in a variety of health care organizations, such as ambulatory care settings, acute care settings, medical centers, community hospitals, public schools, nursing homes, county public health agencies, and home health care agencies. **Students are expected to provide their own transportation to clinical agencies.**

Other Options

See catalog for B.S.N. - Completion and Second Degree options.

School of Nursing Information:

Interim School Director: Michael L. Williams, MSN, RN, CCRN, CNE

School Contact: michael.williams@emich.edu

Website: <http://www.emich.edu/nursing/>

Adviser Information:

Program Adviser: College of Health and Human Services Advising Center

Phone: 734.487.0918

Email: chhsadvising@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 60 hours

- NURS 208 - The Art and Science of Nursing I 2 hrs
- NURS 209 - The Art and Science of Nursing I Clinical 3 hrs
- NURS 220 - Health Assessment 2 hrs
- NURS 250 - The Art and Science of Nursing II 2 hrs

- NURS 251 - The Art and Science of Nursing II Laboratory 3 hrs
- NURS 260 - Pathophysiology 4 hrs
- NURS 270 - Pharmacology 3 hrs
- NURS 275 - Essentials of Professional Nursing Practice I 3 hrs
- NURS 304 - Nursing Care of Childbearing Families 2 hrs
- NURS 305 - Nursing Care of Childbearing Families Clinical 3 hrs
- NURS 306 - Child/Family Health Nursing 2 hrs
- NURS 307 - Child Family Health Nursing Laboratory 3 hrs
- NURS 330 - Adult Health Nursing I 2 hrs
- NURS 331 - Adult Health Nursing I Clinical 3 hrs
- NURS 350 - Psychiatric/Mental Health Nursing 2 hrs
- NURS 351 - Psychiatric/Mental Health Nursing Clinical 3 hrs
- NURS 372 - Nursing Research 2 hrs
- NURS 375W - Essentials of Professional Nursing Practice II (Gen Ed Area I, W) 3 hrs
- NURS 404 - Adult Health Nursing II 2 hrs
- NURS 405 - Adult Health Nursing II Clinical 3 hrs
- NURS 450 - Community Health Nursing 2 hrs
- NURS 451 - Community Health Nursing Clinical 3 hrs
- NURS 475 - Essentials of Professional Nursing Practice III 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

A program fee of \$73.80 per credit hour is assessed on each nursing course with 300-level or higher designation.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Nursing Major - B.S.N. Completion

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

School of Nursing Information:

Interim School Director: Michael L. Williams, MSN, RN, CCRN, CNE

School Contact: michael.williams@emich.edu

Website: <http://www.emich.edu/nursing/>

Adviser Information:

Program Adviser: College of Health and Human Services Advising Center

Phone: 734.487.0918

Email: chhsadvising@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 25-28 hours

- BIO 328 - Introductory Microbiology 3 hrs
- CHEM 120 - Fundamentals of Organic and Biochemistry (Gen Ed Area IV) 4 hrs
- DTC 203 - Nutrition for Health Professionals 3 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs

One course from the following:

- EDPS 325 - Life Span Human Growth and Development 4 hrs
or
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs

One course from the following:

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
or
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs

One of the following two course sequences:

Either

- SPMD 201 - Human Anatomy for Sports Medicine 3 hrs
and
- SPMD 202 - Human Physiology for Sports Medicine 3 hrs

or

- BIO 251 - Human Anatomy and Physiology I 4 hrs
and
- BIO 252 - Human Anatomy and Physiology II 4 hrs

Major Requirements: 60 hours

Required Courses: 55 hours

- NLN Exams or State of Michigan R.N. license (30 hrs)
- NURS 220 - Health Assessment 2 hrs
- NURS 260 - Pathophysiology 4 hrs
- NURS 270 - Pharmacology 3 hrs
- NURS 275 - Essentials of Professional Nursing Practice I 3 hrs
- NURS 372 - Nursing Research 2 hrs
- NURS 375W - Essentials of Professional Nursing Practice II (Gen Ed Area I, W) 3 hrs
- NURS 450 - Community Health Nursing 2 hrs
- NURS 451 - Community Health Nursing Clinical 3 hrs
- NURS 475 - Essentials of Professional Nursing Practice III 3 hrs

Restrictive Elective Courses: 5 hours

- *Five hours in nursing*

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

A program fee of \$73.80 per credit hour is assessed on each nursing course with a 300-level or higher designation.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Nursing Major - B.S.N. Second Degree

The second degree-BSN (SD-BSN) program sequence provides an opportunity for individuals who have a bachelor's degree in a discipline other than nursing to complete a B.S.N. in 16 months of full-time study. The same admission criteria apply as for the traditional B.S.N. program, plus three other prerequisite courses. Those three courses (pathophysiology, microbiology and therapeutic human nutrition) must be completed with a C or better before the admitted student is allowed to progress to the clinical nursing courses.

Please also see the Nursing Major Degree.

School of Nursing Information:

Interim School Director: Michael L. Williams, MSN, RN, CCRN, CNE
School Contact: michael.williams@emich.edu
Website: <http://www.emich.edu/nursing/>

Adviser Information:

Program Adviser: College of Health and Human Services Advising Center
Phone: 734.487.0918
Email: chhsadvising@emich.edu

Nursing

NURS 110 - Introduction to Professional Nursing

This elective course identifies the nursing profession as an integral component in the health care arena. Students are introduced to this profession through seminar discussion and personal exploration.

Credit Hours: 2 hrs
Last Updated: 2/14/2011

NURS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

NURS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

NURS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

NURS 208 - The Art and Science of Nursing I

This introductory course examines professional nursing roles in health, health promotion, and illness prevention with a focus on the adult.

Credit Hours: 2 hrs
Corequisites: NURS 209
Major Restrictions: Nursing Majors only
Last Updated: 2/14/2011

NURS 209 - The Art and Science of Nursing I Clinical

This course provides the laboratory and clinical practice for the beginning nursing student. In the clinical experience the student will apply concepts learned in NURS 208, NURS 220 and NURS 275 and apply the skills necessary to provide basic nursing care to adults.

Credit Hours: 3 hrs

Corequisites: NURS 208

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 220 - Health Assessment

This course will introduce how to obtain a patient history, and perform a health and physical examination across the lifespan. Emphasis will focus on interviewing patients, hands on physical assessment, documentation and developing appropriate nursing diagnoses.

Credit Hours: 2 hrs

Corequisites: NURS 275

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 250 - The Art and Science of Nursing II

The course continues exploration of professional nursing and the development of knowledge and skills foundational to nursing care of adults in health and illness. Emphasis is placed on the nursing care of adults in the context of family and culture.

Credit Hours: 2 hrs

Prerequisite: NURS 208, NURS 209, NURS 220 and NURS 275

Corequisites: NURS 251, NURS 260, NURS 270

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 251 - The Art and Science of Nursing II Laboratory

The course focuses on providing nursing care to adults in various health and illness states in inpatient health care settings.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220 and NURS 275

Corequisites: NURS 250, NURS 260 and NURS 270

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 260 - Pathophysiology

The course will concentrate on how physiologic functions are modified by disease processes and stress. All major physiologic functions will be presented. Knowledge gained from this course will provide the student with rationale for clinical decision making and action in related nursing courses.

Credit Hours: 4 hrs

Prerequisite: NURS 208, NURS 209, NURS 220 and NURS 275

Corequisites: NURS 250, NURS 251 and NURS 270

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 270 - Pharmacology

The course focuses on the basic concepts of pharmacology. The role and responsibility of the nurse for safe, legal, ethical and therapeutic drug therapy are developed.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220 and NURS 275

Corequisites: NURS 250, NURS 251 and NURS 260

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 275 - Essentials of Professional Nursing Practice I

This is the first in a sequence of three courses. The course introduces the foundational elements of professional nursing as identified by the American Association of Colleges of Nursing.

Credit Hours: 3 hrs

Corequisites: NURS 220

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Major Restrictions: Nursing Majors only

NURS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Major Restrictions: Nursing Majors only

NURS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Major Restrictions: Nursing Majors only

NURS 304 - Nursing Care of Childbearing Families

This course focuses on maternal-newborn nursing with a family centered approach. The course encompasses the entire childbearing process, from preconception planning through pregnancy, birth and the postpartum period.

Credit Hours: 2 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 305, NURS 306 and NURS 307

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 305 - Nursing Care of Childbearing Families Clinical

This course focuses on family theory in the care of childbearing families. Clinical experiences will occur in prenatal clinics and intra-partum and postpartum settings.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 304, NURS 306 and NURS 307

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 306 - Child/Family Health Nursing

This course is designed to provide theoretical and practical knowledge in the nursing care of children and families in wellness and illness states. Health promotion, maintenance and restoration are stressed to promote physical, psychosocial, mental and spiritual wellness.

Credit Hours: 2 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 304, NURS 305 and NURS 307

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 307 - Child Family Health Nursing Laboratory

This course is designed to provide a variety of clinical experiences with healthy and ill children in acute care and community settings. These experiences are designed to facilitate sound clinical judgment and the development of leadership, collaboration, organization and management skills in pediatric clinical practice.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 304, NURS 305 and NURS 306

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 330 - Adult Health Nursing I

This course focuses on nursing care of adults and families with chronic illnesses and populations vulnerable to chronic illnesses. With a focus on critical thinking, the course emphasizes the application of nursing knowledge through teaching/learning, interdisciplinary collaboration, patient advocacy, and the coordination of care.

Credit Hours: 2 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 331, NURS 350 and NURS 351

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 331 - Adult Health Nursing I Clinical

This clinical course focuses on caring for adults with chronic illnesses. The needs of adults and family members are addressed as students practice primarily in inpatient settings. Special focus is placed on patient teaching and evidence-based interventions.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 330, NURS 350 and NURS 351

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 350 - Psychiatric/Mental Health Nursing

This course is designed to provide a foundation in professional psychiatric mental health nursing. Emphasis is placed on gaining knowledge of preventive interventions appropriate for provision of evidence-based, holistic nursing care to emotionally and mentally ill patients across the lifespan.

Credit Hours: 2 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 330, NURS 331 and NURS 351

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 351 - Psychiatric/Mental Health Nursing Clinical

This course focuses on student collaboration with patients, faculty, and health care professionals in public and private inpatient psychiatric hospitals. Students learn traditional and nontraditional treatment approaches; use the nursing process and evidence-based research to provide holistic, culturally competent direct care.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Corequisites: NURS 330, NURS 331 and NURS 350

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 372 - Nursing Research

This course will examine nursing research as it relates to nursing practice. Nursing research literature and the importance of evidence-based nursing practice will be examined. Ethical issues involved in nursing research, adequacy of existing research and application of nursing research will be explored.

Credit Hours: 2 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 375W - Essentials of Professional Nursing Practice II (Gen Ed Area I, W)

This second of a three-course sequence builds knowledge of essential elements of professional nursing. This course builds on the foundational elements of professional nursing as identified by the American Association of Colleges of Nursing.

Credit Hours: 3 hrs

Prerequisite: NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 270 and NURS 275

Major Restrictions: Nursing Majors only

Last Updated: Links 04/2011

NURS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Major Restrictions: Nursing Majors only

NURS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Major Restrictions: Nursing Majors only

NURS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Major Restrictions: Nursing Majors only

NURS 384 - Global Health Issues

This course explores contemporary issues in global health. Topics include health care systems, measurement and indicators of health status, emerging health problems in different countries, comparisons between developed and developing countries, and bioethics in international health care. Students will broaden and deepen their understanding of issues of health care across the globe.

Credit Hours: 3 hrs

Last Updated: 2/15/11; effective Spring 2011

NURS 404 - Adult Health Nursing II

This course focuses on the nursing care of adults and families experiencing acute, chronic, and multiple complex health problems. Critical thinking, pathophysiology, and nursing research will be emphasized in order to prepare the student for caring for this patient population.

Credit Hours: 2 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and

NURS 375W

Corequisites: NURS 405

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 405 - Adult Health Nursing II Clinical

This course will assist the student in applying and synthesizing the principles necessary for caring for adults with complex medical-surgical problems. The primary emphasis will be attainment of advanced clinical performance in adult health nursing applying clinical reasoning, critical thinking, and leadership skills.

Credit Hours: 3 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Corequisites: NURS 404

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 450 - Community Health Nursing

This course applies the concepts and principles from nursing and public health sciences. Approaches to health concerns include levels of prevention, health promotion, injury prevention, interdisciplinary practice, case finding, case coordination, ethical decision-making, community referrals, and cultural practices.

Credit Hours: 2 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Corequisites: NURS 451

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 451 - Community Health Nursing Clinical

This course applies community health nursing concepts to the care of individuals, families, groups and communities in selected clinical settings. Nursing care will include health promotion, disease and injury prevention to diverse groups of people across the lifespan.

Credit Hours: 3 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Corequisites: NURS 450

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 475 - Essentials of Professional Nursing Practice III

This third of a three-course sequence builds knowledge of essential elements of professional nursing as identified by the American Association of Colleges of Nursing (AACN).

Credit Hours: 3 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Major Restrictions: Nursing Majors only

Last Updated: 2/14/2011

NURS 477 - Special Topics

Experimental courses or special topics in nursing may be offered.

Credit Hours: 1 hr

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Major Restrictions: Nursing Majors only

Last Updated: Links 04/2011

NURS 478 - Special Topics

Experimental courses or special topics in nursing may be offered.

Credit Hours: 2 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Major Restrictions: Nursing Majors only

Last Updated: Links 04/2011

NURS 479 - Special Topics

Experimental courses or special topics in nursing may be offered.

Credit Hours: 3 hrs

Prerequisite: NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 372 and NURS 375W

Major Restrictions: Nursing Majors only

Last Updated: Links 04/2011

NURS 480 - Evidence Based Practice in Health Care

This course explores the critical thinking and actions of evidence-based practice in nursing. Various means to access, evaluate and use evidence in nursing and health care are practiced. In addition to class discussions, students participate in web-based learning activities, independently exploring evidence-based guidelines in their areas of choice.

Credit Hours: 3 hrs

NURS 482 - Management of Health Care Delivery: Disasters & Bioterrorism

This foundational course is an examination of issues in natural and man-made disasters and bio terror events that impact the delivery of health care at local, state and national levels and the strategies necessary for preparedness, mitigation, response and evaluation in community environments. The course is designed to meet the knowledge needs and care preformed by pre-professional and professional health care providers; the lay public is also invited to join the course.

Credit Hours: 3 hrs

Cross-Listed with: IHHS 482

Last Updated: Links 04/2011

NURS 497 - Independent Study

A student may work with a faculty member independently to pursue a topic of interest to the student. Independent study is a student-initiated project.

Credit Hours: 1 hr

Major Restrictions: Nursing Majors only

NURS 498 - Independent Study

A student may work with a faculty member independently to pursue a topic of interest to the student. Independent study is a student-initiated project.

Credit Hours: 2 hrs

Major Restrictions: Nursing Majors only

NURS 499 - Independent Study

A student may work with a faculty member independently to pursue a topic of interest to the student. Independent study is a student-initiated project.

Credit Hours: 3 hrs

Major Restrictions: Nursing Majors only

School of Social Work Programs and Courses

School of Social Work

Major

Social Work Major

The Social Work Major leads to a bachelor of social work (BSW) and requires the following courses to complete the 124 hours needed for graduation. No outside minor is required.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Admission Requirements

In addition to completing the University's General Education requirements, social work students complete a series of seven specific liberal arts courses in a variety of related disciplines (listed below as Liberal Arts Requirements) in order to build a foundation for their social work studies. Social work intent students also complete four pre-major social work courses (listed below as Required Courses: Pre-Major) prior to being admitted to the Major.

Admission requirements are as follows:

1. Students must complete a Social Work Admissions application. These are distributed in SWRK 251.
2. Students must earn a grade of C or higher in the following pre-major social work classes (again, listed below as Required Courses: Pre-Major):
 - SWRK 120 - Introduction to Social Work Services and Professional Roles (Ideally, this course should be taken either concurrently with or prior to the other pre-major courses)
 - SWRK 200 - Human Diversity and Social Justice
 - SWRK 222 - Social Welfare Policies and Services
 - SWRK 251 - Self Assessment and Development for Social Work (Ideally, this course should be taken concurrently with or after the other pre-major courses)
3. Students must complete a reflective essay in SWRK 251. The essay is designed to assist students in assessing their own "goodness of fit" with the values and ethics of the School of Social Work and the social work profession.
4. Students must earn a cumulative GPA of 2.3 or higher at the time of admission into the BSW program.
5. Students must complete forty (40) hours of volunteer service, internship experience, or employment within a *human service* setting.

School of Social Work Information:

Interim School Director: Lynn M. Nybell

School Contact: lynn.nybell@emich.edu

Website: <http://www.emich.edu/sw/>

School of Social Work Advising

Program Advisor: David Evoy
Contact E-mail: devoym@emich.edu
Phone: 734.487.6807

Pre-Admission Advisor: David Manville
Contact E-mail: dmanvill@emich.edu
Phone: 734.487.0393

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Liberal Arts Requirements: 27-30 hours

- ANTH 135 - Introduction to Cultural Anthropology (Gen Ed Area III, IV) 3 hrs
- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
or a 3 credit hour course in Human Biology
- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PSY 101 - General Psychology Lecture (Gen Ed Area IV*) 3 hrs
or PSY 101 and PSY 103 (lecture and lab) for 4 credit hours.
- PSY 360 - Abnormal Psychology 3 hrs
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs

One course from the following:

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs

Restricted Elective Courses: 6 hours

Students are required to take six credits in cross-cultural related courses. Completion of both sections of General Education Area III (with the exception of ANTH 135) will meet this requirement. Other courses outside of Area III may also count towards this requirement with departmental permission.

Major Requirements: 56 hours

Required Courses: Pre-Major: 10 hours

- SWRK 120 - Introduction to Social Work Services and Professional Roles 3 hrs
- SWRK 200 - Human Diversity and Social Justice 3 hrs
- SWRK 222 - Social Welfare Policies and Services 3 hrs
- SWRK 251 - Self Assessment and Development for Social Work 1 hr

Required Course: Major: 44 hours

- SWRK 315 - Theoretical Bases for Social Work Practice 3 hrs
- SWRK 317 - Foundations of Social Work Practice 3 hrs
- SWRK 318 - Practice I - Skill Integration Seminar 1 hr
- SWRK 319W - Writing for Agency Practice (Gen Ed Area I, W) 3 hrs
- SWRK 350L - Generalist Social Work Practice: Organizations and Communities (Gen Ed Area V LBC) 3 hrs
- SWRK 405 - Analysis and Change of Social Welfare Policies 3 hrs
- SWRK 408 - Generalist Social Work Practice with Individuals and Families 3 hrs
- SWRK 409 - Generalist Social Work Practice with Groups 3 hrs
- SWRK 430 - Social Work Evaluation and Research: Qualitative and Statistical Methods 4 hrs
- SWRK 450 - Practice Issues with Women 3 hrs
- SWRK 451 - Social Work Practice with People of Color 3 hrs
- SWRK 488 - Field Experience I 6 hrs
- SWRK 489 - Field Experience II 6 hrs

Social Work Elective: 3 hours

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Minor

Social Work Minor

This minor is compatible with disciplines where the college graduate will be in a helping role with people.

School of Social Work Information:

Interim School Director: Lynn M. Nybell
 School Contact: lynn.nybell@emich.edu
 Website: <http://www.emich.edu/sw/>

School of Social Work Advising

Program Advisor: David Evoy
Contact E-mail: devoy@emich.edu
Phone: 734.487.6807

Pre-Admission Advisor: David Manville
Contact E-mail: dmanvil1@emich.edu
Phone: 734.487.0393

Required Courses: 9 hours

- SWRK 120 - Introduction to Social Work Services and Professional Roles 3 hrs
- SWRK 200 - Human Diversity and Social Justice 3 hrs
- SWRK 222 - Social Welfare Policies and Services 3 hrs

Elective Courses: 11-12 hours

11 to 12 hours selected in consultation with a social work adviser from social work elective courses.

Minor Total: 20-21 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor

- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Gerontology

GERT 177 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 06/2011

GERT 178 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 179 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 3 hrs
Prerequisite: department permission
Last Updated: 06/2011

GERT 212 - Introduction to Gerontology

This course is designed to provide an exploration of the diverse dimensions of gerontology by studying contemporary issues relevant to the field. Students will gain an understanding of the domains of theory, research, education, practice, policy and service, all of which help to define the diverse nature of gerontology.

Credit Hours: 3 hrs
Last Updated: Course Description Change 10/2011, effective Winter 2012; Links 06/2011

GERT 219 - Around the World in 80 Years: Adult Development Across Culture (Gen Ed Area III)

Through the study of adult development, students will consider how the aging of the world's population is affecting diverse cultures, societies - and families - across the globe. Issues of social justice and empowerment related to population aging will be addressed, particularly the social, economic, political and policy consequences.

Credit Hours: 3 hrs
Cross-Listed with: ANTH 219, SOCL 219

Area III: Perspectives on a Diverse World

GERT219 Around the World in 80 years

This Global Awareness Course offers students the opportunity to examine diverse cultures and countries through a social and demographic reality shared across the world: population aging. While variances exist in lifespan, every society and every country - whether industrialized Western or least industrialized African or Asian- is faced with the circumstance of adults living longer than ever before in their history. How each culture has historically dealt with and currently deals with its aging population, as well as aging individuals, offers a lens for considering the diversities and commonalities of societies around the world. Through the study of aging issues of global relations, social justice and empowerment will be addressed, particularly the social, economic, political and policy consequences.

Last Updated: Links 04/2011

GERT 277 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 1 hr
Prerequisite: department permission
Last Updated: 06/2011

GERT 278 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 279 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 377 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 06/2011

GERT 378 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 379 - Special Topics

Specialized topics integral to the field of gerontology. Gerontology faculty members will select contemporary topics that are different from existing courses. Since topics change, a student may elect to take the course more than once.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 417 - Work and Retirement

Issues on the historical aspect of retirement, the realities of retirement, the necessity of preparing individuals for this significant part of their life-span, and work past the age of 65.

Credit Hours: 2 hrs

Class Restrictions: Junior, Senior or Graduate standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; 06/2011

GERT 466 - Edna Gates Conference: Seminar on Dementia Care

This two-day seminar provides opportunity to participate in a premier regional conference on dementia care and network with hundreds of health care professionals. Experts will present on cutting edge developments in research and practice. Students will learn ways to develop partnerships with staff, people with dementia and their families.

Credit Hours: 1 hr

Class Restrictions: Junior or Senior standing

Last Updated: 06/2011

GERT 477 - Special Topics

Content will change from semester to semester. An experimental course for subject matter not yet provided in other program offerings. Students may elect this course more than once, provided different topics are covered.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 06/2011

GERT 478 - Special Topics

Content will change from semester to semester. An experimental course for subject matter not yet provided in other program offerings. Students may elect this course more than once, provided different topics are covered.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 479 - Special Topics

Content will change from semester to semester. An experimental course for subject matter not yet provided in other program offerings. Students may elect this course more than once, provided different topics are covered.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 488 - Gerontology Practicum

An aging focused internship provides integration of previous gerontology course work, life experience, knowledge, and skills in a practice based setting. This seminar course provides the opportunity to explore and to discuss the gerontological internship experience and to build new skills and understandings using supplemental practice information.

Credit Hours: 2 hrs

Prerequisite: Completion of two courses in the gerontology minor or advising coordinator's permission

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Title and Description Change 12/2011, effective Winter 2012; Graduate Credit 07/2011; 06/2011

GERT 489 - Gerontology Practicum

An aging focused internship provides integration of previous gerontology course work, life experience, knowledge, and skills in a practice based setting. This seminar course provides the opportunity to explore and to discuss the gerontological internship

experience and to build new skills and understandings using supplemental practice information.

Credit Hours: 3 hrs

Prerequisite: Completion of two courses in the gerontology minor or advising coordinator's permission

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Title and Description Change 12/2011, effective Winter 2012; Graduate Credit 07/2011; 06/2011

GERT 497 - Independent Study

Directed study in areas not provided in other course offerings or advanced study in areas of special interest to the student.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 06/2011

GERT 498 - Independent Study

Directed study in areas not provided in other course offerings or advanced study in areas of special interest to the student.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 499 - Independent Study

Directed study in areas not provided in other course offerings or advanced study in areas of special interest to the student.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 06/2011

GERT 509 - Older Adults and Chemical Dependency

This course is a survey of the epidemiology, clinical presentation, public policy issues and current treatment models for geriatric chemical dependency. Emphasis will be placed on both clinical and policy issues related to access to treatment and the types of treatment available.

Credit Hours: 1 hr

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 511 - Elders and Their Families

Examines the nature and significance of family and family-like relationships in later life, including long-term marriage, widowhood, divorce, remarriage, adult-to-adult/parent-child relationships, grandparenthood, siblingship and friendship.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 513 - Intergenerational Programs and Services

Learners will explore common connections between elders and youth, examine factors that support or hinder intergenerational relationships and develop an intergenerational program or service plan.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 515 - Sexuality and Aging

Examines factors affecting sexual expression, capacity and relationships in later life; considers special population needs/issues (e.e., disabled elders, homosexuality, sexuality and dementia, HIV/AIDS, women).

Credit Hours: 1 hr

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 516 - The Elderly and the Law

This course discusses the legal issues and implications surrounding health care, long-term care, public entitlement programs, termination of life support, guardianship and alternatives, and intergenerational family issues.

Credit Hours: 1 hr

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 517 - Developing Funding Proposals for Aging Programs

This course is designed to provide the students with grantsmanship theory and an introduction to the basic skills needed to research and select appropriate aging funders, and develop grant proposals for funding aging programs.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program

Last Updated: 06/2011

GERT 518 - Introduction to Alzheimer's and Related Dementia

This introductory course provides an overview of Alzheimer's disease and related dementias, the clinical features of progressive dementias, and impact on quality-of-life issues for families and individuals with dementia. Emphasis is placed on developing meaningful relations with persons with dementia and exploring innovative programs and services designed to accommodate dementia-related changes throughout the continuum of illness.

Credit Hours: 2 hrs

Class Restrictions: Senior standing with permission. Certificate, Masters and Doctoral candidates.

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 523 - Designing Programs for People with Dementia

This seminar examines issues involved in designing meaningful programs that address the cognitive, physical and psychosocial needs of persons with dementia. A fieldwork assignment provides students the opportunity to design, implement and evaluate a small group program. Students may choose a site for this assignment.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 524 - Families and Dementia

This class looks at family care giving of people with dementia by addressing primary concerns, needs, assessment issues and interventions appropriate to the early, middle and late stages of dementia, and the period after the family member's death.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 526 - Behaviors in Dementia

Behaviors in Dementia identifies factors that influence behaviors common in individuals with dementia– including unmet needs, biological, psychological and environmental causes. Strategies are discussed to develop interventions for target behaviors and implementation of person-centered treatment plans.

Credit Hours: 2 hrs

Last Updated: 07/2011

GERT 528 - Advanced Issues in Dementia Care

Seminar focuses in depth on assessment and treatment of Alzheimer's disease, dementia with Lewy bodies, picks, Creutzfeldt Jakob disease and related disorders. An interdisciplinary team will facilitate discussions on specialized care issues. Students will participate in an innovative service-learning project involving in-home respite.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 532 - Aging Through the Eyes of the Old

Course is designed to provide students with an opportunity to learn what it is to experience being old by reading journals and books written by or about older people who use their writings to come to terms with old age. Also, the class will delve into a number of theories that are helpful for understanding that aging process and the readings. Film, music and storytelling will be part of the learning experience.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

GERT 590 - Special Topics

Content will change from semester to semester. An experimental course for subject matter not yet provided in other program offerings. Students may elect this course more than once, provided different topics are covered. Not more than six hours of

special topics may be used on a degree program.

Credit Hours: 1 hr

Notes: This is a graduate course in an undergraduate program.

Last Updated: 06/2011

Social Work

SWRK 120 - Introduction to Social Work Services and Professional Roles

An overview of the social work profession including its philosophy, values, professional roles, current trends and models in varied practice arenas as criminal justice, mental health, child and family services, public welfare services and medical and industrial settings.

Credit Hours: 3 hrs

Notes: Concurrent registration in SWRK222/251 is permitted, but not required.

SWRK 177 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 1 hr

SWRK 178 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 2 hrs

SWRK 179 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 3 hrs

SWRK 200 - Human Diversity and Social Justice

This course introduces students to a framework for understanding the implications of human diversity for social work practice. Dimensions of diversity addressed include race, class and gender, along with ethnicity, sexual orientation and privilege. Students develop the basis for sensitive, competent social work practice and social justice advocacy.

Credit Hours: 3 hrs

SWRK 222 - Social Welfare Policies and Services

A survey of welfare institutions and policies in their historical and modern contexts. American social welfare services as related to the economic, political and sociocultural conditions, and prevailing ideologies.

Credit Hours: 3 hrs

Notes: Concurrent registration in SWRK 120 and SWRK 251 is permitted, but not required.

Course Revisions:

Course Revisions: This course will have a prerequisite change from "SWRK 120" to "none," effective Winter 2013.

Last Updated: Prerequisite Change 09/2012, effective Winter 2013; Links 03/2011

SWRK 251 - Self Assessment and Development for Social Work

This course is required for admission to the Social Work program. It is designed to help students to self-assess their personal preparation for the social work profession. Exercises will help students explore their own values, particularly with respect to culture, gender and sexual orientation. Students will learn about the social work program sequence and requirements. Opportunities will be provided for learning about working in groups, being assertive and developing skills for educational survival.

Credit Hours: 1 hr

Prerequisite: SWRK 222

Concurrent Prerequisite: SWRK 120, SWRK 200 and SWRK 222

Major Restrictions: Social Work Intent students only

Course Revisions:

Course Revisions: This course will have a prerequisite change from "SWRK 120 and/or SWRK 222" to "none," effective Winter 2013. The course revision also includes a concurrent prerequisite change from "none" to "SWRK 120, SWRK 200 and SWRK 222" and a major restriction change from "none" to "Social Work Intent students only."

Last Updated: Prerequisite, Concurrent Prerequisite and Major Restriction Change 09/2012, effective Winter 2013; Links 03/2011

SWRK 254 - The Social Work Profession and Social Service Policies

This course is an overview of the development of the social work profession distinguishing features, including social work values and ethics, and the historical development of social welfare policies and programs. In addition, students will learn about social work roles and settings. This course is designed for students who intend to be social work majors. **It is not open to students who have already completed SWRK 120 and/or SWRK 222.**

Credit Hours: 4 hrs

Concurrent Prerequisite: SWRK 251

Last Updated: Fall 1994

SWRK 277 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SWRK 278 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SWRK 279 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SWRK 315 - Theoretical Bases for Social Work Practice

Integrating, supplementing, and translating into social work practice students' knowledge of human beings and their social environments. The purposes for which the social work professional intends to use the knowledge and the values that form the base of professional practice.

Credit Hours: 3 hrs

Concurrent Prerequisite: EDPS 325 or IHHS 260; BIO 105; ANTH 135; PSY 101; SOCL 105; PSY 360

Major Restrictions: Social Work Majors only

Last Updated: Links 03/2011; Prerequisite/Corequisite Change 06/2011, effective Fall 2011

SWRK 317 - Foundations of Social Work Practice

The first course in a sequence of social work practice, designed to prepare the student for field experience. Relationship building, information gathering and preliminary assessment and contracting.

Credit Hours: 3 hrs

Concurrent Prerequisite: SWRK 315

Corequisites: SWRK 318

Major Restrictions: Social Work Majors only

Last Updated: 01/2007, effective Spring 2007; Credit Hour/Corequisite/Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 318 - Practice I - Skill Integration Seminar

This seminar is a co-requisite of SWRK 317. The seminar focuses on practicing the skills explored during the lecture. Students engage in videotaped role-plays for feedback and skill refinement.

Credit Hours: 1 hr

Concurrent Prerequisite: SWRK 315

Corequisites: SWRK 317

Class Restrictions: Sophomore

Major Restrictions: Social Work Majors only

Last Updated: Prerequisite and Corequisite Change 06/2011, effective Fall 2011; 11/2007, effective Spring 2008

SWRK 319W - Writing for Agency Practice (Gen Ed Area I, W)

This course is a writing intensive course, preparing students for the professional writing components of professional, agency-based practice. The course will sensitize students to the agency-based demands and issues associated with professional social

work practice while developing professional writing skills focused on a simulated client situation.

Credit Hours: 3 hrs

Concurrent Prerequisite: SWRK 315

Class Restrictions: Sophomore, Junior, Senior

Major Restrictions: Social Work Majors only

Social work practice requires that record-keeping be accountable, efficient, and that it protect the client's privacy. Good records are concise, specific, relevant, clear, logical, timely, meaningful, and useful. Records are grounded in fact, professional ethics, and accepted theory. Above all, high quality records are well organized and well written. This Writing Intensive course is based on the philosophy that the most effective way to improve student social work record-keeping skills is to practice writing actual social work records. To this end, the course will be modeled after a writing lab, where each week students will be working on a particular social work record-keeping document, such as an Intake Form, Social History, Plan of Care, Case Notes, Advocacy Letter, and using a simulated case this is the focus of the Social Work practice course SWRK 317 in which students are concurrently enrolled.

Last Updated: 12/2007, effective Winter 2008; Corequisite and Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 350L - Generalist Social Work Practice: Organizations and Communities (Gen Ed Area V LBC)

This course provides generalist practice skills in organizations and communities, supported by a service-learning experiential component. Students will learn a range of macro practice assessment and intervention skills to promote improvements in social service organizations, social welfare systems and communities for the purpose of empowerment, social and economics justice and social change.

Credit Hours: 3 hrs

Concurrent Prerequisite: SWRK 315, SWRK 317 and SWRK 318

Class Restrictions: Junior or Senior standing only

Major Restrictions: Social Work Majors only

Previously Listed As: SWRK 388 and SWRK 410

Students in this course learn skills that enable them to promote improvements in social service organizations, social welfare systems, and communities for the purpose of empowerment, social and economic justice, and social change. They do this by working in groups to participate in activities that serve and enhance the community. Each student contributes at least 40 hours of such service. Through these experiences, students develop leadership, acquire skills in working collaboratively with others, prepare themselves for their careers, and broaden their understanding and empathy for others in the community.

Last Updated: 02/2008, effective Winter 2008; Prerequisite and Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 375 - Working with Youth in Care

Students explore the effects of child abuse and placement on adolescent development and necessary worker skill adaptations. The course sensitizes students to the unique needs of older youth in foster care/group living and explores strength-based/youth development approaches to service. Skills needed for social work and residential practice are developed.

Credit Hours: 3 hrs

SWRK 377 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SWRK 387 - Cooperative Education in Social Work

Employment for pay in a work setting chosen to provide practical experience related to social work. The cooperative education sequence is alternating with full-time attendance at the University. Students who wish to substitute a cooperative education course for the practicum component of SWRK 388 must enroll in SWRK 388 concurrently with one of the cooperative courses. Cooperative education does not substitute for the field placement courses required of all social work majors.

Credit Hours: 3 hrs

Prerequisite: SWRK 120, approval of the Cooperative Education Office and department permission

Class Restrictions: Sophomore standing

Last Updated: Links 03/2011

SWRK 405 - Analysis and Change of Social Welfare Policies

Current social policy and its intended and unintended effects on client populations. Policy analysis and strategies and methods for policy change.

Credit Hours: 3 hrs

Prerequisite: PLSC 112, SWRK 315, SWRK 317, SWRK 318 and SWRK 319W

Major Restrictions: Social Work Majors only

Last Updated: 04/2009; effective Fall 2010

SWRK 408 - Generalist Social Work Practice with Individuals and Families

This course provides students with a framework for generalist social work practice with individuals and families. Content includes practice values, models of assessment and phases of planned sequential change.

Credit Hours: 3 hrs

Prerequisite: SWRK 315, SWRK 317, SWRK 318 and SWRK 319W

Concurrent Prerequisite: SWRK 350L

Major Restrictions: Social Work Majors only

Last Updated: 12/2009, effective Spring 2009; Prerequisite and Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 409 - Generalist Social Work Practice with Groups

This course explored generalist practice with groups. Students learn how to analyze group situations in different domains of social work practice. Students develop skills to intervene at both the group and the individual levels and how to develop mutual aid and empowerment among the members of the social work group.

Credit Hours: 3 hrs

Prerequisite: SWRK 315, SWRK 317, SWRK 318 and SWRK 319W

Concurrent Prerequisite: SWRK 350L

Major Restrictions: Social Work Majors only

Last Updated: 01/2009, effective Spring 2009; Prerequisite and Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 413 - Women and Aging

Designed to provide social work, women's studies, and gerontology students with the skills and sensitivity to understand the issues, needs and positive attributes of women as they grow older. Students will examine the lives of women in special groups, such as older minority women, caregivers, widows and institutionalized elderly women. Students will learn skills to provide effective services to older women in a variety of human service settings.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: WGST 413

Last Updated: Graduate Credit 07/2011; Links 03/2011

SWRK 420 - Working with Aging People

The role of social worker with aged people. The delivery of social services to the aged with a focus on practice approaches and techniques unique to various social service settings.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SWRK 430 - Social Work Evaluation and Research: Qualitative and Statistical Methods

This course introduces knowledge and develops skills in research and practice evaluation from a social work empowerment perspective that is sensitive to diversity and social justice. Students will develop competencies in evaluation of professional literature, qualitative and quantitative methods, research skills, assessment and in utilizing technologies through a laboratory experience.

Credit Hours: 4 hrs

Class Restrictions: Junior or Senior standing only

Major Restrictions: Social Work Majors only

Last Updated: Course Number 06/2011, effective Fall 2011

SWRK 431 - Substance Abuse

Current approaches to the prevention and treatment of drug and alcohol abuse. Consideration of the physiological, psychological and social impact of substance abuse on the individual, the family, and the community. The role of the social worker in prevention and treatment.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SWRK 435 - Group Work with Children and Families

Social group work theory and practice as a relevant way to work with children and families. Group process as it occurs in natural groups and the effect of this process on individual behavior. Techniques that can be built into the group to effect client change.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SWRK 440 - Issues in Mental Health Practice

Issues in mental health practice with emphasis on deinstitutionalization, community mental health and the role of the entry-level social worker.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

SWRK 443 - Assessment Issues in Domestic Violence

This course will explore violence in the home, focusing primarily on spouse or partner abuse and touching on elder abuse, sexual abuse and child abuse and neglect. Students will learn how to make domestic violence social work assessments.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

SWRK 450 - Practice Issues with Women

This course provides a critical examination of the potential of social policies and programs, community, organizations and practice interventions to challenge women's systematic disadvantage and enhance women's welfare. Intervention strategies that give voice to women's strengths and address their unique needs are learned while exploring the diversity of women's lives. Issue of work income maintenance, family life, health, sexuality and community are addressed as they impact women.

Credit Hours: 3 hrs

Prerequisite: SWRK 315, SWRK 317, SWRK 318, SWRK 319W and SWRK 350L

Concurrent Prerequisite: SWRK 408 and SWRK 409

Major Restrictions: Social Work Majors only

Last Updated: 01/2007, effective Spring 2007; Prerequisite and Concurrent Prerequisite Changes 06/2011, effective Fall 2011

SWRK 451 - Social Work Practice with People of Color

This course is a required undergraduate course intended to prepare students for cultural competent generalist practice with people of color. The course helps students apply culturally appropriate knowledge, skills and values in their work with clients. Special attention is given to pressing regional concerns impacting clients of color and describes ways students can become active change agents as they strive to respond to the needs of agency clients.

Credit Hours: 3 hrs

Prerequisite: SWRK 315, SWRK 317, SWRK 318, SWRK 319W and SWRK 350L

Concurrent Prerequisite: SWRK 408 and SWRK 409

Major Restrictions: Social Work Majors only

Last Updated: 01/2007, effective Spring 2007; Prerequisite and Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 457 - Separation, Loss and Grief

Separation, loss and grief as integral aspects of the human experience. Practice issues and applications addressing the impact of loss, separation and grief on client and societal systems.

Credit Hours: 1 hr

Major Restrictions: Social Work Majors and Minors only or department permission

SWRK 460 - The Law and Social Work with the Family

Social workers and lawyers frequently find themselves working together dealing with issues and problems involving individuals and families, such as in cases of divorce, child abuse and neglect, child custody, delinquency and mental health. Legal and social work perspectives in terms of client rights, needs and professional goals. Social work practice in the family court arena.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SWRK 462 - Practice with Lesbian, Gay, Bisexual and Transgender Persons

This course exposes students to a wide array of life experiences of lesbian, gay, bi-attractual and transgender persons by listening to their own words — spoken, written, on film and through personal interviews. It develops a deeper contextual knowledge and understanding of life courses taken by sexual minorities.

Credit Hours: 3 hrs

Cross-Listed with: WGST 462

Last Updated: Links 03/2011

SWRK 463 - Social Work Practice with Legal Offenders

Professional roles and appropriate practice skills utilized by social workers and allied professionals in working with legal offenders.

Credit Hours: 3 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

SWRK 467 - Crisis Intervention

Systems in crisis including different types of crises, indications of a system in crisis and crisis intervention strategies.

Credit Hours: 2 hrs

Major Restrictions: Social Work Majors and Minors only or department permission

SWRK 477 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 1 hr

Prerequisite: (SWRK 120 and SWRK 222) or SWRK 251 and SWRK 254 or Department permission

Last Updated: Links 03/2011

SWRK 478 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 2 hrs

Prerequisite: (SWRK 120 and SWRK 222) or SWRK 251 and SWRK 254 or Department permission

Last Updated: Links 03/2011

SWRK 479 - Special Topics

Specialized topics integral to contemporary social work practice. Social work faculty members will select contemporary topics that are different from existing social work courses. Since topics change, a student may take the course more than once.

Credit Hours: 3 hrs

Prerequisite: (SWRK 120 and SWRK 222) or SWRK 251 and SWRK 254 or Department permission

Last Updated: Links 03/2011

SWRK 488 - Field Experience I

Field experience designed to meet the learning needs of students and the standards of professional social work education. Professional standards are fixed; however, learning needs of students may vary.

Field experience designed to meet the learning needs of students and the standards of professional social work education. Professional standards are fixed; however, learning needs of students. The field placement agency, in consultation with the School of Social Work, provides learning experiences and supervision at the senior level. Open only to students with an overall GPA of 2.3 or better in social work courses. Student may not be on academic probation.

Credit Hours: 6 hrs

Prerequisite: SWRK 350L and department permission

Major Restrictions: Social Work Majors only

Last Updated: Links 03/2011

SWRK 489 - Field Experience II

A continuation of SWRK 488.

Credit Hours: 6 hrs

Prerequisite: A student must receive a C or better in SWRK 488, have an overall GPA of 2.3 or better in social work courses, not be on academic probation and have Department permission.

Corequisites: SWRK 488

Major Restrictions: Social Work Majors only

Notes: Concurrent registration in SWRK 405, SWRK 408, SWRK 409, SWRK 410, SWRK 430, SWRK 452, SWRK 460 and SWRK 489 is permitted, but not required.

Last Updated: Links 03/2011

SWRK 490 - Senior Thesis Seminar

This is the capstone course for students completing the honors program in social work. A senior thesis or project is completed in consultation with the faculty member.

Credit Hours: 3 hrs

Prerequisite: Member of Honors College

Major Restrictions: Social Work Majors only

Military Science and Leadership Programs and Courses

Military Science and Leadership

Minor

Military Science and Leadership Minor

Military Science and Leadership Department Information:

Department Head: LTC Michael C. Wise
Department Contact: mwise2@emich.edu
Website: <http://armyrotc.com/edu/easternmi/>

Adviser Information:

Program Adviser: LTC Michael C. Wise
Email: mwise2@emich.edu
Phone: 734.487.6802

Required Courses: 20 hours

Students must take all of the following courses unless granted advanced placement. Students electing a minor in military science may not use this minor to fulfill the state secondary provisional certificate requirement of a teaching minor.

- MSL 101 - Foundations of Officership 2 hrs
- MSL 102 - Basic Leadership 2 hrs
- MSL 201 - Individual Leadership Studies 2 hrs
- MSL 202 - Leadership and Teamwork 2 hrs
- MSL 301 - Leadership and Problem Solving 3 hrs
- MSL 302 - Leadership and Ethics 3 hrs
- MSL 401 - Adaptive Leadership 3 hrs
- MSL 402 - Leadership in a Complex World 3 hrs

Minor Total: 20 hours

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Military Science and Leadership

MSL 101 - Foundations of Officership

Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. Established framework for understanding officership, leadership, and Army values. Includes "life skills" such as physical fitness training, time management, stress management, group dynamics and briefing skills.

Credit Hours: 2 hrs

Notes: Requires medical fitness statement, DA Form 3425-R, signed by physician. Pick up form at 18 Roosevelt prior to the first day of class.

Last Updated: Requirements Added 11/2011

MSL 102 - Basic Leadership

Establishes foundation of basic leadership fundamentals such as problem solving, communications, briefings, effective writing, goal-setting, techniques for improving listening and speaking skills, an introduction to counseling, additional physical fitness training and time management training.

Credit Hours: 2 hrs

Prerequisite: MSL 101 or department permission

Notes: Requires medical fitness statement, DA Form 3425-R, signed by physician. Pick up form at 18 Roosevelt prior to the first day of class.

Last Updated: Requirements Added 11/2011; Links 04/2011

MSL 201 - Individual Leadership Studies

Students identify successful leadership characteristics through observation of others and self through experimental learning exercises. Students record observed traits (good and bad) in a dimensional leadership journal and discuss observations in small group settings, additional physical fitness training and additional time management training.

Credit Hours: 2 hrs

Prerequisite: MSL 101, MSL 102 or department permission

Notes: Requires medical fitness statement, DA Form 3425-R, signed by physician. Pick up form at 18 Roosevelt prior to the first day of class.

Last Updated: Requirements Added 11/2011; Links 04/2011

MSL 202 - Leadership and Teamwork

Students examine how to build successful teams, various methods for influencing action, effective communication in setting and achieving goals, the importance of timing the decision, creativity in the problem-solving process and obtaining team buy-in through immediate feedback and additional physical fitness training.

Credit Hours: 2 hrs

Prerequisite: MSL 101, MSL 102, MSL 201 or department permission

Notes: Requires medical fitness statement, DA Form 3425-R, signed by physician. Pick up form at 18 Roosevelt prior to the first day of class.

Last Updated: Requirements Added 11/2011; Links 04/2011

MSL 301 - Leadership and Problem Solving

Students conduct self-assessment of leadership style, develop personal fitness regimen, and learn to plan and conduct individual/small unit tactical training while testing reasoning and problem-solving techniques. Students receive direct feedback on leadership abilities.

Credit Hours: 3 hrs

Prerequisite: MSL 101, MSL 102, MSL 201, MSL 202 or department permission

Last Updated: Links 04/2011

MSL 302 - Leadership and Ethics

Examines the role communications, values and ethics play in effective leadership. Topics include ethical decision-making, consideration of others, spirituality in the military and survey Army leadership doctrine. Emphasis on improving oral and written communication abilities, as well as, additional physical fitness training.

Credit Hours: 3 hrs

Prerequisite: MSL 101, MSL 102, MSL 201, MSL 202, MSL 301 or department permission

Last Updated: Links 04/2011

MSL 401 - Adaptive Leadership

Develops student proficiency in planning and executing complex operations, functioning as a member of a staff and mentoring subordinates. Students explore training management, methods of effective staff collaboration and developmental counseling techniques along with additional physical fitness training.

Credit Hours: 3 hrs

Prerequisite: MSL 101, MSL 102, MSL 201, MSL 202, MSL 301, MSL 302 or department permission

Previously Listed As: MSL 401 - Leadership and Management

Last Updated: Course Name Change 02/2012, effective Fall 2012; Links 04/2011

MSL 402 - Leadership in a Complex World

Study includes case study analysis of military law and practical exercises on establishing an ethical command climate. Students must complete a semester-long Senior Leadership Project that requires them to plan, organize, collaborate, analyze, demonstrate their leadership skills and additional physical fitness training. This course is designed to transition the student/cadet to service as a second lieutenant in the Army or for government service, i.e. U.S. Army history.

Credit Hours: 3 hrs

Prerequisite: MSL 101, MSL 102, MSL 201, MSL 202, MSL 301, MSL 302, MSL 401 or department permission

Previously Listed As: MSL 402 - Officership

Last Updated: Course Name Change 02/2012, effective Fall 2012; Links 04/2011

MSL 497 - Independent Study

Intensive study or project approved by the department head. Study or project is directly related to a military subject.

Credit Hours: 1 hr

Prerequisite: department permission

MSL 498 - Independent Study

Intensive study or project approved by the department head. Study or project is directly related to a military subject.

Credit Hours: 2 hrs

Prerequisite: department permission

MSL 499 - Independent Study

Intensive study or project approved by the department head. Study or project is directly related to a military subject.

Credit Hours: 3 hrs

Prerequisite: department permission

School of Engineering Technology Programs and Courses

School of Engineering Technology

Major

Applied Technology Major

The applied technology major is designed to serve those individuals who wish to continue their technology-related community college education. The program offers the flexibility of accepting a block of up to 34 credits of technical courses as transfer credit. Articulation agreements have been established with several community colleges to ensure the maximum transfer of credits. Students transferring from other four-year higher education institutions with a technical major may also find this major suitable.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please click [here](#).

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 75 hours

Required Courses: 20 hours

- CHEM 117 - Fundamentals of Chemistry-Lecture (Gen Ed Area IV) 3 hrs
- CHEM 118 - Fundamentals of Chemistry Laboratory (Gen Ed Area IV) 1 hr
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- SET 350W - Engineering Communication (Gen Ed Area I, W) 3 hrs

Restricted Elective Courses: 6 hours

Select six hours of restricted electives in consultation with an adviser.

Restricted MFG Elective Courses: 15 hours

Select 15 hours at the 300- and 400-level in consultation with an adviser.

Technical Courses: 34 hours

Up to 34 hours of transferred technical courses may be applied to this major.

Minor Requirements:

This program does not require a minor.

Electives Courses: 9 hours

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.

- Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
- Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Computer Engineering Technology Major

The computer engineering technology program applies scientific, computer, and engineering knowledge, combined with technical skills, in support of computerized activities. The computing field is one of the fastest growing segments of industry, and the program is developed to include many application aspects of computer engineering technology. The graduates generally apply the theories and principles to design, analyze, produce, operate, program and maintain computer and digital control systems. In addition, the curriculum includes the study of engineering database management and engineering information technology. Graduates are employed in industry as computer engineers, computer architecture designers, software engineers and engineering information technologists.

School of Engineering Technology Information:

School Director: Bob Lahidji
 School Contact: bob.lahidji@emich.edu
 Website: <http://www.emich.edu/set/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 83-89 hours

Required Courses: 80-83 hours

- Writing Intensive Course (3 hrs)
- CET 151 - Introduction to Computing in Engineering Technology 3 hrs
- CET 353 - Web Development for Engineering Applications 3 hrs
- CET 387 - Cooperative Education in Computer Engineering Technology 3 hrs
- CET 427 - Programmable Logic Controller 3 hrs
- CET 451 - Engineering Database Development 3 hrs
- CET 453 - Engineering Programming 3 hrs
- CET 491 - Senior Design Capstone 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- COSC 246 - Programming in C++ 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs
- ELEC 200 - Circuit Analysis I 3 hrs
- ELEC 214 - Digital Circuit Analysis I 3 hrs
- ELEC 215 - Computer-Aided Electronics 3 hrs
- ELEC 218 - Motors and Controls 3 hrs
- ELEC 300 - Analog Circuit Analysis I 3 hrs
- ELEC 320 - Microcomputer Circuits 3 hrs
- ET 100 - Introduction to Engineering Technology 3 hrs
- ET 101 - Introduction to Engineering Technology Computing 1 hr
- IS 380 - Introduction to Databases 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs
- PDD 122 - Engineering Graphics 4 hrs

One of the following:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 140 - Applied Trigonometry and Calculus I for Technology (Gen Ed Area II) 4 hrs

One of the following:

- MATH 121 - Calculus II 4 hrs
- MATH 141 - Applied Calculus II for Technology 3 hrs

One of the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One of the following:

- PHY 222 - Electricity and Light 4 hrs

- PHY 224 - Electricity and Light 5 hrs

Restricted Electives: 3-6 hours

Three hours from the following selected in consultation with an adviser:

- CET 426 - Engineering Product Information 3 hrs
- COSC 221 - Computer Organization I 3 hrs
- COSC 321 - Computer Organization II 3 hrs
- ELEC 314 - Digital Circuit Analysis II 3 hrs
- ELEC 420 - Advanced Microprocessors 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 325 - Differential Equations 3 hrs
- MET 223 - Descriptive Geometry 2 hrs
- PDD 111 - Materials 3 hrs
- PDD 123 - Manufacturing Processes 4 hrs
- PHY 230 - Engineering Dynamics 4 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Construction Management Major

The construction management major includes course work in general education with specified science and mathematics courses, business courses, electives (a list of recommended course electives that require the prior approval of a construction or facility management adviser) and technical courses. A minor is not required. A C- or better is required for all major courses.

The construction management major is designed to prepare men and women for middle- and upper-level management in the construction industry. The major has been developed in cooperation with experts from the construction industry and guidelines are established by major construction associations and feedback from employers and graduates. The construction management major reflects the current needs and trends in the construction industry and is accredited by the American Council for Construction Education.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

[Click here to watch a short video about this program](#)

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 97 hours

Required Courses: 52 hours

- CNST 125 - Introduction to Construction 2 hrs
- CNST 201 - Construction Systems 3 hrs
- CNST 202 - Construction Materials 3 hrs
- CNST 206 - Surveying 3 hrs
- CNST 213 - Construction Safety 3 hrs
- CNST 228 - Construction Graphics 3 hrs
- CNST 229 - Analysis of Commercial Prints 3 hrs
- CNST 302 - Contract Documents, Regulations, and Specifications 3 hrs
- CNST 303 - Electrical, Mechanical, and Equipment Systems 3 hrs
- CNST 304 - Construction Estimating and Bidding 3 hrs
- CNST 361 - Planning and Scheduling 3 hrs
- CNST 387 - Cooperative Education in Construction Management 3 hrs
- CNST 403 - Production Control 2 hrs
- CNST 406W - Construction Law (Gen Ed Area I, W) 3 hrs
- CNST 412 - Fundamentals of Structural Design 3 hrs
- CNST 436 - Heavy/Highway Construction Means and Methods 3 hrs
- CNST 440 - LEED for New Construction and Major Renovations 3 hrs
- CNST 450 - Fundamentals of Construction Project Management 3 hrs

Construction Management Restricted Electives: 12 hours

12 hours from the following (Minimum one course with CNST prefix):

- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- CNST 426 - Mechanical and Electrical Construction Applications 3 hrs
- CNST 427 - Industrial Construction 2 hrs
- CNST 437 - Environmental Construction Contracting 2 hrs
- CNST 438 - Fundamentals of Land Development 3 hrs
- CNST 446 - Senior Seminar on Professional Issues in Engineering, Technology and Construction 1 hr

- CNST 479 - Special Topics 3 hrs
- GHPR 335 - Historic Preservation 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- IDE 208 - Introduction to Basic Design 3 hrs
- IDE 317 - Lighting Systems for Interior Designers 3 hrs

Business Major Requirements: 15 hours

- Any course from the College of Business not already taken (3 hrs)
- ACC 240 - Principles of Financial Accounting 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 384 - Human Resource Management 3 hrs

Natural Sciences/Math Restricted Elective: 4 hours

Four hours from the following:

- CHEM 117 - Fundamentals of Chemistry-Lecture (Gen Ed Area IV) 3 hrs
with
- CHEM 118 - Fundamentals of Chemistry Laboratory (Gen Ed Area IV) 1 hr
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Additional courses with adviser approval.

General Restricted Electives: 14 hours

- ESSC 110 - The Dynamic Earth System (Gen Ed Area IV) 4 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs

Choose one of the following:

- ECON 100 - Introduction to Economic Problems and Policies (Gen Ed Area IV) 3 hrs
- ECON 200 - The American Economy 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General**

Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Electronic Engineering Technology Major

The electronic engineering technology major is designed to prepare students for interesting and challenging positions in the diverse field of electronics. The curriculum provides for a strong foundation in electronics to support future changes in technology or the career roles of the individual. The graduate may find employment on engineering teams in product design and development, in production and automation, in instrumentation and communications or in technical sales and operations.

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 90-93 hours

Required Courses: 90-93 hours

- Writing Intensive Course (3 hrs)
- CET 427 - Programmable Logic Controller 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- COSC 246 - Programming in C++ 3 hrs
- ELEC 200 - Circuit Analysis I 3 hrs
- ELEC 210 - Circuit Analysis II 3 hrs
- ELEC 214 - Digital Circuit Analysis I 3 hrs
- ELEC 215 - Computer-Aided Electronics 3 hrs
- ELEC 218 - Motors and Controls 3 hrs
- ELEC 300 - Analog Circuit Analysis I 3 hrs
- ELEC 310 - Analog Circuit Analysis II 3 hrs
- ELEC 314 - Digital Circuit Analysis II 3 hrs
- ELEC 320 - Microcomputer Circuits 3 hrs
- ELEC 326 - Transform Circuit Analysis with Calculus 3 hrs
- ELEC 387 - Cooperative Education in Electronic Technology 3 hrs

- ELEC 415 - Communication Circuits 3 hrs
- ELEC 420 - Advanced Microprocessors 3 hrs
- ELEC 426 - Control Systems Engineering (NEW COURSE) 3 hrs
- ELEC 450 - Senior Design Project 3 hrs
- ET 100 - Introduction to Engineering Technology 3 hrs
- ET 101 - Introduction to Engineering Technology Computing 1 hr
- MATH 122 - Elementary Linear Algebra 3 hrs
- MET 312 - Applied Dynamics Principles 3 hrs
- PDD 122 - Engineering Graphics 4 hrs
- QUAL 320 - Industrial Quality Control 3 hrs

One of the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One of the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

One of the following:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 140 - Applied Trigonometry and Calculus I for Technology (Gen Ed Area II) 4 hrs

One of the following:

- MATH 121 - Calculus II 4 hrs
- MATH 141 - Applied Calculus II for Technology 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Interior Design Major

The interior design program offers a Council for Interior Design Accreditation (CIDA) accredited, four-year studio based curriculum, culminating in a bachelor of science degree. The program's mission is to academically prepare students to enable them to creatively solve problems related to the function and quality of interior environments.

The program promotes critical thinking by requiring a balance between broad liberal arts courses, specific courses in fine arts, management, marketing, construction and an intense curriculum of interior design courses. The interior design curriculum provides experiential educational opportunities to investigate the interaction of humans and environments through the integration of theory, knowledge and technical skills, preparing students to achieve in the challenging profession of interior design. Central to a mission of preparing students to achieve as professional interior design practitioners is our goal to impart to our students a holistic view of people and their environments in multicultural, multiracial and multiethnic settings; a sensitivity to environmentally conscious design issues; a consideration of the needs of all people, regardless of age, stature or ability; and the ability to creatively analyze design problems in order to create interior environments that meet human needs and fulfill human aspirations.

Students must complete IDE courses with a grade of C or better.

[Click here to watch a short video about this program.](#)

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

General Education Requirements:

For specific requirements refer to the General Education Program. [Download the Gen Ed Checklist here.](#)

Additional Requirements: 12 hours

- ARTS 123 - Foundations Drawing I 3 hrs
- CNST 201 - Construction Systems 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

Major Requirements: 76 hours

Required Courses: 70 hours

- IDE 110 - Interior Design Studio I 3 hrs
- IDE 111 - Environmental Psychology and Behavior for Interior Design 3 hrs
- IDE 120 - Interior Design Studio II 3 hrs
- IDE 121 - Interior Design Materials and Components 3 hrs
- IDE 122 - Interior Design Theory II 3 hrs
- IDE 123 - Computers for Interior Design I 3 hrs
- IDE 131 - Interior Design Theory I 3 hrs

- IDE 210 - Interior Design Studio III 3 hrs
- IDE 219 - Computers for Interior Design II 3 hrs
- IDE 220 - Interior Design Studio IV 3 hrs
- IDE 221 - Environmental Systems for Interior Designers 3 hrs
- IDE 225 - History of Interiors from Antiquity to 1800 (NEW COURSE) 3 hrs
- IDE 226 - History of Interiors from 1800 to Present 3 hrs
- IDE 310 - Interior Design Studio V 3 hrs
- IDE 317 - Lighting Systems for Interior Designers 3 hrs
- IDE 318 - Interior Building Codes and ADA 3 hrs
- IDE 320 - Interior Design Studio VI 3 hrs
- IDE 324 - Internship in Interior Design 4 hrs
- IDE 325 - Professional Practice in Interior Design 3 hrs
- IDE 410 - Interior Design Studio VII 3 hrs
- IDE 420 - Interior Design Studio VIII 3 hrs
- IDE 425 - Mill Work Design and Detailing 3 hrs
- IDE 430W - Writing for Interior Design (Gen Ed Area I, W) 3 hrs

Interior Design Elective Courses: 6 hours

Any two courses with an IDE prefix. Selected in consultation with the interior design adviser.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Mechanical Engineering Technology Major

<http://www.emich.edu/cot/met>

The mechanical engineering technology major offers the opportunity to prepare for rewarding and responsible careers in support of technical and engineering activities. The program is designed to provide graduates with a strong technical foundation that integrates the methods, materials, machinery and power resources found in modern industry. Students receive both lecture and

hands-on laboratory training in manufacturing processes, engineering mechanics, thermo-fluid sciences and machine design, culminating in a senior design capstone project.

Click here to watch a short video about this program.

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

General Education Requirements

For specific requirements refer to the General Education Program.

Major Requirements: 85-88 hours

- CET 151 - Introduction to Computing in Engineering Technology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- ELEC 200 - Circuit Analysis I 3 hrs
- ELEC 218 - Motors and Controls 3 hrs
- ET 100 - Introduction to Engineering Technology 3 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- MET 211 - Statics 3 hrs
- MET 312 - Applied Dynamics Principles 3 hrs
- MET 313 - Applied Mechanics of Materials 3 hrs
- MET 314 - Applied Thermodynamics and Heat Transfer 3 hrs
- MET 316 - Design for Manufacturing and Tooling 3 hrs
- MET 319 - Fluid Mechanics 3 hrs
- MET 387 - Cooperative Education in Mechanical Engineering Technology 3 hrs
- MET 411 - Mechanical/Machine Design 3 hrs
- MET 437 - Kinematics of Machines 3 hrs
- MET 470 - Mechanical Vibrations 2 hrs
- MET 492 - Senior Design Projects I 3 hrs
- MET 493 - Senior Design Projects II 3 hrs
- PDD 111 - Materials 3 hrs
- PDD 122 - Engineering Graphics 4 hrs
- PDD 123 - Manufacturing Processes 4 hrs
- PDD 435 - Finite Element Analysis 3 hrs

One of the following:

- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs

One of the following:

- PHY 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

One of the following:

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 140 - Applied Trigonometry and Calculus I for Technology (Gen Ed Area II) 4 hrs

One of the following:

- MATH 121 - Calculus II 4 hrs
- MATH 141 - Applied Calculus II for Technology 3 hrs

Minor Requirements

This program does not require a minor.

Program Total

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Polymers and Coatings Technology Major

The polymers and coatings curriculum is designed to provide the background necessary for graduates to find employment in companies that manufacture and use paints, coatings, rubber, plastics, polymers, adhesives and inks, or in companies that manufacture raw materials for these industries. Students completing this curriculum have met the major and minor requirements for graduation. No outside minor is needed.

[Click here to watch a short video about this program.](#)

School of Engineering Technology Information:

School Director: Bob Lahidji
School Contact: bob.lahidji@emich.edu
Website: <http://www.emich.edu/set/>

General Education Requirements

For specific requirements refer to the General Education Program.

Additional Requirements: 16 hours

- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 381W - Instrumentation for Chemical Technology (Gen Ed Area I, W) 2 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Major Requirements: 51 hours

- CHEM 281 - Introduction to Analytical Chemistry 4 hrs
- CHEM 361 - Fundamentals of Physical Chemistry 3 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- PC 203 - Miniaturization in Technology 3 hrs
- PC 260 - Introduction to Coatings Science and Technology 3 hrs
- PC 310 - Polymers for Engineers and Technologists 3 hrs
- PC 387 - Cooperative Education in Interdisciplinary Technology 3 hrs
- PC 400 - Polymers and Coatings Technology I 3 hrs
- PC 401 - Polymers and Coatings Technology I Laboratory 3 hrs
- PC 402 - Polymers and Coatings Technology II 3 hrs
- PC 403 - Polymers and Coatings Technology II Laboratory 3 hrs
- PC 404 - Coatings Raw Materials 3 hrs
- PC 416 - Water-Based Coatings 3 hrs
- PC 460 - Advanced Coatings Topics 3 hrs
- SET 350W - Engineering Communication (Gen Ed Area I, W) 3 hrs

Elective Courses: 18 hours

Eighteen hours from the following:

- CHEM 340 - Introduction to Industrial Chemistry 3 hrs
- CHEM 341 - Fundamentals of Material Science 3 hrs
- CHEM 415 - Environmental Chemistry 3 hrs
- PC 185 - World of the Super Small 3 hrs
- PC 379 - Special Topics 3 hrs
- PC 406 - Colloids and Interfaces 3 hrs

- PC 407 - Coating Processes II 3 hrs
- PC 477 - Special Topics 1 hr
- PC 478 - Special Topics 2 hrs
- PC 479 - Special Topics 3 hrs
- PC 487 - Cooperative Education in Interdisciplinary Technology 3 hrs
- PC 497 - Independent Study 1 hr
- PC 498 - Independent Study 2 hrs

Minor Requirements

This program does not require a minor.

Program Total

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.

- Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Product Design and Development Major

Students majoring in Product Design and Development are prepared for a wide range of product design and development job opportunities. The program prepares students to participate in the customer driven product realization process including concept generation, evaluating design alternatives, computer modeling, prototyping, engineering analysis, selecting materials and processes, cost estimating, tool development, quality and production.

[Click here](#) to watch a short video about this program.

School of Engineering Technology Information:

School Director: Bob Lahidji
 School Contact: bob.lahidji@emich.edu
 Website: <http://www.emich.edu/set/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 92 hours

- ARTS 122 - Three-Dimensional Design 3 hrs
- CHEM 117 - Fundamentals of Chemistry-Lecture (Gen Ed Area IV) 3 hrs
- CHEM 118 - Fundamentals of Chemistry Laboratory (Gen Ed Area IV) 1 hr
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PDD 111 - Materials 3 hrs
- PDD 122 - Engineering Graphics 4 hrs
- PDD 123 - Manufacturing Processes 4 hrs
- PDD 156 - Teamwork in Product Design and Development 3 hrs
- PDD 157 - Introduction to Product Design 3 hrs
- PDD 212 - Molding Materials and Processes 3 hrs
- PDD 220 - Geometric Dimensioning and Tolerancing 3 hrs
- PDD 224 - 3-D Solid Modeling 3 hrs
- PDD 309 - Molded Product Design 3 hrs
- PDD 310 - Formed Product Design 3 hrs
- PDD 316 - Concept Development Studio 3 hrs
- PDD 325 - Applied Statics and Strength of Materials 4 hrs
- PDD 331 - Product Design Data Management 3 hrs
- PDD 350 - Prototyping 3 hrs
- PDD 380 - Engineering Cost Estimating 3 hrs
- PDD 387 - Cooperative Education in Product Design 3 hrs
- PDD 432 - 3-D Modeling and Surfacing Techniques 3 hrs
- PDD 433 - Advanced Tool Development 3 hrs
- PDD 435 - Finite Element Analysis 3 hrs
- PDD 491 - Computer-Aided Design Studio 3 hrs
- PDD 492 - Product Realization Studio 3 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- QUAL 320 - Industrial Quality Control 3 hrs
- SET 350W - Engineering Communication (Gen Ed Area I, W) 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

60 Hour Waiver

Students in this program are granted a waiver of the University requirement that students may not earn "more than 60 credit hours in one subject area (prefix)." **Students in this program may earn up to (but not exceed) 70 hours in "PDD" credit towards graduation.**

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Construction Management Minor

This minor is designed to provide a background in fundamental technical applications for students with majors outside the department who expect to work in industry. Employment opportunities are enhanced for persons with technical course work.

University elective courses in the minor are selected to relate to the student's major subject area. Academic advising to determine elective course choices is provided by the School of Engineering Technology. A maximum of six hours may be transferred from outside the department

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

Required Courses: 23 hours

- CNST 125 - Introduction to Construction 2 hrs
- CNST 201 - Construction Systems 3 hrs
- CNST 202 - Construction Materials 3 hrs
- CNST 228 - Construction Graphics 3 hrs
- CNST 229 - Analysis of Commercial Prints 3 hrs
- CNST 302 - Contract Documents, Regulations, and Specifications 3 hrs
- CNST 304 - Construction Estimating and Bidding 3 hrs
- CNST 361 - Planning and Scheduling 3 hrs

Minor Total: 23 hours

Note:

All minors must have at least six hours of course work at the 300 level or above.

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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Electronic Engineering Technology Minor (EET)

The Electronic Engineering Technology Minor will incorporate to enhance the quality of research through diversification and help disseminate the findings among students with different backgrounds.

To complete the minor, students must fulfill the following:

- Minimum of 6 hours from 200-level courses (maximum of 12 hours)
- Minimum of 6 hours from 300-level courses
- Minimum of 3 hours from 400-level courses
- Satisfaction of all prerequisites

See following required courses for specifics.

Core Courses: 6 hours

Choose a minimum of six hours from the following:

- * ELEC 200 - Circuit Analysis I 3 hrs
- ELEC 210 - Circuit Analysis II 3 hrs
- ELEC 214 - Digital Circuit Analysis I 3 hrs
- * ELEC 218 - Motors and Controls 3 hrs

Choose one option from the following:

Option I (Microprocessors): 9 hours

- ELEC 314 - Digital Circuit Analysis II 3 hrs
- ELEC 320 - Microcomputer Circuits 3 hrs
- ELEC 420 - Advanced Microprocessors 3 hrs

Option II (Analog & Communication): 9 hours

- ELEC 300 - Analog Circuit Analysis I 3 hrs
- ELEC 310 - Analog Circuit Analysis II 3 hrs
- ELEC 415 - Communication Circuits 3 hrs

Option III (Controls): 9 hours

- Additional 300-level ELEC course chosen in collaboration with Minor adviser (3 hrs)
- ELEC 326 - Transform Circuit Analysis with Calculus 3 hrs
- ELEC 450 - Senior Design Project 3 hrs

Minor Total: 18-21 hours

Notes:

* If student's major requires them to take ELEC 200 and/or ELEC 218, then student will only be required to take the minor as eighteen hours. All others will be required to take the minor as twenty-one hours.

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- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.

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University Information: Consult the online catalog at catalog.emich.edu.

Interior Design Minor

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

Required Courses: 6 hours

- IDE 111 - Environmental Psychology and Behavior for Interior Design 3 hrs
- IDE 131 - Interior Design Theory I 3 hrs

Restricted Elective Courses: 14 hours

Fourteen hours from the following:

- IDE Elective (2 hrs)
Selected in consultation with the interior design adviser
- IDE 110 - Interior Design Studio I 3 hrs
- IDE 120 - Interior Design Studio II 3 hrs
- IDE 121 - Interior Design Materials and Components 3 hrs
- IDE 122 - Interior Design Theory II 3 hrs
- IDE 123 - Computers for Interior Design I 3 hrs
- IDE 210 - Interior Design Studio III 3 hrs
- IDE 219 - Computers for Interior Design II 3 hrs
- IDE 220 - Interior Design Studio IV 3 hrs
- IDE 221 - Environmental Systems for Interior Designers 3 hrs
- IDE 226 - History of Interiors from 1800 to Present 3 hrs
- IDE 317 - Lighting Systems for Interior Designers 3 hrs
- IDE 318 - Interior Building Codes and ADA 3 hrs
- IDE 425 - Mill Work Design and Detailing 3 hrs

Minor Total: 20 hours

Note

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Manufacturing Minor

The manufacturing minor is designed to provide majors in business and science with an introduction to manufacturing engineering. Employment opportunities typically increase for persons with this minor.

University elective courses in the minor are selected to relate to the student's major. Academic advising to determine elective course choices is provided by a manufacturing adviser in the School of Engineering Technology.

School of Engineering Technology Information:

School Director: Bob Lahidji

School Contact: bob.lahidji@emich.edu

Website: <http://www.emich.edu/set/>

Required Courses: 13 hours

- MFG 124 - Manufacturing Processes and Methods II 3 hrs
- PDD 203 - Industrial Operations 3 hrs
- PDD 111 - Materials 3 hrs
- PDD 123 - Manufacturing Processes 4 hrs

Restricted Electives: 9 hours

Choose nine hours from the following:

- MET 223 - Descriptive Geometry 2 hrs
- MFG 306 - Plastic Processing 3 hrs
- MFG 361 - Computer Numerical Control 3 hrs
- MFG 421 - Manufacturing Engineering Analysis 3 hrs
- MFG 425 - Advanced Manufacturing Methods 3 hrs
- PDD 470 - Integrated Product and Process Design 3 hrs
- PDD 122 - Engineering Graphics 4 hrs
- PDD 212 - Molding Materials and Processes 3 hrs
- PDD 220 - Geometric Dimensioning and Tolerancing 3 hrs
- PDD 316 - Concept Development Studio 3 hrs
- PDD 492 - Product Realization Studio 3 hrs
- QUAL 320 - Industrial Quality Control 3 hrs

Minor Total: 22 hours

Note:

All minors must have at least six hours of course work at the 300 level or above.

Critical Graduation Information:

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CAD

CADM 105 - Computer Applications for Industry

Provides the theory, general applications, and specific applications of microcomputers. Students are exposed to software packages commonly used for general and specific applications in industry.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course.

CADM 106 - Industrial Computer Applications for Manufacturing

This course presents advanced DOS commands and concepts appropriate for microcomputers configured for CAD/CAM and other similar industrial applications.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course.

Prerequisite: a course in computer literacy

CADM 120 - Computer-Aided Print Reading

A manufacturing print reading course which includes an introduction to computer-aided drawing. This course is intended for manufacturing cost analysis majors with no previous engineering drawing experience.

Credit Hours: 3 hrs

Prerequisite: CADM 105 or IS 215

Last Updated: Links 03/2011

CADM 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CADM 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CADM 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CADM 231 - Computer Graphic Programming for Industry

A series of computer graphics programs illustrate graphics algorithms and terminology. Students write similar computer programs using graphics functions. Topics include computer graphics, multi-view drawings, multiaxis rotations, CAD databases, animation and interactive programming.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course

Prerequisite: MATH 107 and a course in C programming

Last Updated: Links 03/2011

CADM 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CADM 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CADM 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CADM 334 - 3-D Computer-Aided Design Modeling

This course provides the advanced CAD user with an in-depth understanding and skill of constructing and integrating 3-D solid modeling and surfacing techniques into part modeling, assembly and animation using commercial CAD software.

Credit Hours: 3 hrs

Prerequisite: PDD 122

Last Updated: Links 03/2011

CADM 360 - CIM Operations

Concepts, components, and application of computer-based industrial automation. The integration and implications of CAD, CAM and business functions into CIM are included.

Credit Hours: 3 hrs

Prerequisite: PDD 203

Last Updated: Links 03/2011

CADM 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CADM 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CADM 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CADM 387 - Cooperative Education in CAD/CAM Technology

Industrial technology majors will be placed on a job that relates to their primary area of study, for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: department permission

Major Restrictions: Industrial Technology and Industrial Teacher Education Majors only

Notes: Offered on a credit/no-credit basis.

CADM 417 - Industrial Robotics

The nature and use of industrial robotics: capabilities, equipment and associated hardware, justification, preparation and installation, launching and monitoring.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course

Prerequisite: CADM 106, PDD 203, ELEC 218 and MFG 318

Last Updated: Links 03/2011

CADM 461 - CAD/CAM NC Programming

Study of conversion of part descriptions to numerical control programs for mill, lathe, and three-axis machining center. Advanced APT and CAD/CAM NC programming for producing the instruction codes necessary to manufacture parts with NC machine tools are emphasized. Verification of the computer assisted NC programs are accomplished by laboratory work.

Credit Hours: 3 hrs

Prerequisite: MFG 361

Last Updated: Links 03/2011

CADM 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CADM 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CADM 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CADM 485 - Flexible Manufacturing Systems

Design and implementation of a flexible manufacturing cell. Machining materials, material handling and storage, inspection and inventory are emphasized. Part programming using numerical control, robotics/programmable automation programming, development of a manufacturing database and hierarchical computer control.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course

Prerequisite: PDD 316, PDD 224, MFG 361, QUAL 320 and MFG 425

Last Updated: Links 03/2011

CADM 487 - Cooperative Education in CAD/CAM Technology

The second in a two-course sequence for industrial technology majors. The students will be placed on a job that relates to their primary area of study, for one semester. Regular employee benefits may be received

Credit Hours: 3 hrs

Prerequisite: CADM 387 and department permission

Notes: Graded on a credit/no-credit basis.

Last Updated: Links 03/2011

CADM 494 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 1 hr

Notes: Offered on a credit/no-credit basis

CADM 495 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 2 hrs

Notes: Offered on a credit/no-credit basis.

CADM 496 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 3 hrs

Notes: Offered on a credit/no-credit basis.

CADM 497 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hrs

Prerequisite: department permission

CADM 498 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

CADM 499 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Computer Engineering Technology

CET 151 - Introduction to Computing in Engineering Technology

This course introduces a variety of software tools and techniques used by engineers. It is intended for anyone interested in engineering design, analysis and software development. Engineering software developments related to real life applications are included.

Credit Hours: 3 hrs

Previously Listed As: CET 251 Engineering Software and Applications

Last Updated: Links 03/2011

CET 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 1 hr

Notes: Students may elect more than once, provided different topics are studied.

CET 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 2 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 3 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 1 hr

Notes: Students may elect more than once, provided different topics are studied.

CET 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 2 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 3 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 353 - Web Development for Engineering Applications

The application of Web technology to engineering disciplines. Emphasis is given to designing, analyzing and developing Web applications for various engineering disciplines and enterprises. Projects integrate various Web-based engineering software to be simultaneously used and managed for concurrent engineering and business activities in virtual environment.

Credit Hours: 3 hrs

Prerequisite: CET 151, IS 380

Last Updated: Links 03/2011

CET 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 1 hr

Notes: Students may elect more than once, provided different topics are studied.

CET 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 2 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 3 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 387 - Cooperative Education in Computer Engineering Technology

An industrial experience in business and industrial where primary work emphasis is related to computer engineering technology. During this period employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: department permission

CET 426 - Engineering Product Information

An overview of the information related to product design and manufacturing production. Emphasis will be given to utilize product information in various aspects of engineering design, analysis, manufacturing and concurrent engineering.

Credit Hours: 3 hrs

Prerequisite: ELEC 218

Last Updated: Links 03/2011

CET 427 - Programmable Logic Controller

The application of electricity, electronics, programmable logic controller, data acquisition, and analysis techniques to the open-loop and closed-loop control of machines and processes. Emphasis will be given to utilization of computers and programmable logic controllers for industrial control purposes.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course.

Prerequisite: ELEC 218

Last Updated: Links 03/2011

CET 451 - Engineering Database Development

This course covers the essentials of developing and implementing database system for engineering applications. The emphasis is given to the development of database applications for integrating product design, production analysis, manufacturing, process control, assembly, inventory control and other engineering functions. Practical examples of C3P that integrate CAD systems, CAM systems, FEA systems, SQC, etc. are presented. Several popular products data management systems such as Parametric Technology's Windchill, EDS's PLM (Product Lifecycle Management) and IBM's PLM will be introduced.

Credit Hours: 3 hrs

Prerequisite: IS 380

Last Updated: Links 03/2011

CET 453 - Engineering Programming

Cover Java programming essentials with emphasis in the object-oriented programs for engineering applications. Emphasis will be given to the development of interface programs that allow popular engineering application software to be used in specific applications and the development of Web-based programs for engineering applications.

Credit Hours: 3 hrs

Prerequisite: CET 353 and CET 451

Last Updated: Links 03/2011

CET 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 1 hr

Notes: Students may elect more than once, provided different topics are studied.

CET 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 2 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings.

Credit Hours: 3 hrs

Notes: Students may elect more than once, provided different topics are studied.

CET 491 - Senior Design Capstone

A synthesis of all previous academic course work for the capstone activity for the computer engineering technology student; includes a proposal phase, development phase and final project. This course focuses on the effective teamwork strategies and the applications of computer software and hardware in engineering activities. Technical reports and presentations are required.

Credit Hours: 3 hrs

Prerequisite: ELEC 218, ENGL 324W and CET 353

Class Restrictions: Senior standing

Last Updated: Links 03/2011

CET 497 - Independent Study

Available to selected students who have demonstrated ability to profit from directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Election and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hr

Prerequisite: department permission

Class Restrictions: Sophomore or Junior standing

CET 498 - Independent Study

Available to selected students who have demonstrated ability to profit from directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Election and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

Class Restrictions: Junior or Senior standing

CET 499 - Independent Study

Available to selected students who have demonstrated ability to profit from directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Election and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Class Restrictions: Junior or Senior standing

Construction Management

CNST 125 - Introduction to Construction

An overview of the construction industry, including the developing, planning, and scheduling of construction projects. Site development, material usage, specifications, estimating and managing cost control are included as topic areas.

Credit Hours: 2 hrs

CNST 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CNST 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CNST 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CNST 201 - Construction Systems

Structural systems, associated nonstructural components and considerations appropriate to mechanical, electrical, plumbing and support equipment. Lecture and laboratory course.

Credit Hours: 3 hrs

CNST 202 - Construction Materials

The characteristics, specifications, and applications of basic construction materials such as stone, concrete, wood, glass, plastics, metals and bituminous products. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: CNST 125
Last Updated: Links 04/2011

CNST 206 - Surveying

The fundamental use of the transit and level. Linear measurement, angle measurements, differential and profile leveling, a simple transverse survey, and the keeping of accurate notes. Lecture and laboratory course.

Credit Hours: 3 hrs
Prerequisite: MATH 107
Last Updated: Links 04/2011

CNST 213 - Construction Safety

Philosophical, social, economic, and technological bases for safety related to the development of a construction job-site safety plan. Emphasis is also placed on the OSHA and MIOSHA construction industry standards.

Credit Hours: 3 hrs

CNST 228 - Construction Graphics

Basic print reading skills. Symbols, terminology, print organization, and basic material take-off techniques. Sketching and some basic drawing skills will be required. Lecture and laboratory course.

Credit Hours: 3 hrs
Prerequisite: CNST 125 and CNST 201
Last Updated: Links 04/2011

CNST 229 - Analysis of Commercial Prints

Development of the ability to read and interpret prints. Actual commercial prints and project manuals are used for analysis and material take-off procedures. Preparation of field drawings using graph paper and sketching techniques. Lecture and laboratory course.

Credit Hours: 3 hrs
Prerequisite: CNST 228
Last Updated: Links 04/2011

CNST 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

CNST 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CNST 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CNST 302 - Contract Documents, Regulations, and Specifications

The different types of construction contracts, construction documents and regulations, the role of specifications, and the project manual in the construction process.

Credit Hours: 3 hrs

Prerequisite: CNST 201, LAW 293 and CNST 125 or department permission

Last Updated: Links 04/2011

CNST 303 - Electrical, Mechanical, and Equipment Systems

This course provides an understanding of mechanical, electrical, plumbing, drain-waste-vent, equipment considerations and other specialized nonstructural systems found in commercial buildings.

Credit Hours: 3 hrs

Prerequisite: CNST 228

Last Updated: Links 04/2011

CNST 304 - Construction Estimating and Bidding

The principles and procedures for developing estimates, bids and contracts for heavy/highway and commercial construction. Computer applications are included.

Credit Hours: 3 hrs

Prerequisite: CNST 229 and CNST 302

Last Updated: Links 04/2011

CNST 361 - Planning and Scheduling

The planning process of the construction industry. Various scheduling systems commonly used within the industry are studied including scheduling software.

Credit Hours: 3 hrs

Prerequisite: CADM 105 and CNST 229

Last Updated: Links 04/2011

CNST 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

CNST 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CNST 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CNST 387 - Cooperative Education in Construction Management

Construction management majors will be placed on a job that relates to their primary area of study, for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: department permission

Major Restrictions: Credit applicable to the major in Construction Management only

Notes: Offered on a credit/no-credit basis.

CNST 403 - Production Control

Methods of control used in the construction industry for production problems involving the estimate, bidding schedules, cost analysis, cost comparison, scheduling systems, evaluation and debriefing.

Credit Hours: 2 hrs

Prerequisite: ACC 130, CNST 304 and CNST 361

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CNST 406W - Construction Law (Gen Ed Area I, W)

Common basic legal problems associated with construction contracting. Current areas of concern and their significant implications are covered.

Credit Hours: 3 hrs

Prerequisite: CNST 302

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CNST 412 - Fundamentals of Structural Design

Fundamentals and theory of construction design including soil mechanics and basic structural elements. This is an elementary, analytical and practical approach to the principles and physical concepts of statics, strength of materials, and soils as they relate to construction.

Credit Hours: 3 hrs

Prerequisite: PHY 221, CNST 202 and MATH 107

Last Updated: Links 04/2011

CNST 426 - Mechanical and Electrical Construction Applications

This course provides the student with a broad understanding of the principles and construction of plumbing, heating, ventilating and air conditioning (HVAC) and electrical systems for nonresidential buildings. Emphasis will be placed on project management issues relating to these systems including estimating, coordinating, change orders and commissioning.

Credit Hours: 3 hrs

Prerequisite: CNST 303

Major Restrictions: Available only to students in the Construction Management program

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CNST 427 - Industrial Construction

This lecture course provides an overview of the design, installation, and start-up of various industrial systems as they relate to construction management. Emphasis is placed on construction pertaining to: automotive, food & beverage, chemical/refinery, pharmaceutical, steel and cast metals, machining, plastic molding, power generation, electronics manufacturing and others.

Credit Hours: 2 hrs

Prerequisite: CNST 303, CNST 304 and CNST 361

Last Updated: Links 04/2011

CNST 436 - Heavy/Highway Construction Means and Methods

The study of the means and methods of construction used in the heavy/highway construction industry. Soil, aggregate, concrete, and asphalt properties will be studied, and their associated design theories. Means and methods of construction will also be examined, including earthwork excavation, hauling and compaction. Operational characteristics of heavy equipment will be evaluated.

Credit Hours: 3 hrs

Prerequisite: CNST 202/CNST 302/CNST 304

Major Restrictions: Available only to students in the Construction Management program

Previously Listed As: CNST 436 - Heavy/Highway Construction Contracting

Last Updated: Title and Course Description Change 02/2012, effective Fall 2012; Graduate Credit 07/2011; Links 04/2011

CNST 437 - Environmental Construction Contracting

This course covers a wide range of environmental construction contracting project types. It is delivered in three main segments: the regulatory framework; assessment and design elements used in environmental remediation projects; and managing the construction process. Actual projects are studied in order to provide students with a variety of construction methods.

Credit Hours: 2 hrs

Prerequisite: CNST 213 and CNST 302

Last Updated: Links 04/2011

CNST 438 - Fundamentals of Land Development

An examination of the land development process, including its market, finance, design, construction and regulatory aspects. The course will focus on actual residential and commercial projects underway or recently completed by local developers, along with the challenges and opportunities encountered in managing these projects from initial inception to final sale.

Credit Hours: 3 hrs

Prerequisite: CNST 302

Last Updated: Credit Hour Change 02/2012, effective Fall 2012; Links 04/2011

CNST 440 - LEED for New Construction and Major Renovations

This course provides an understanding of how green building intents, strategies and technologies are considered, coordinated, implemented, and verified while designing, constructing, commissioning, and using commercial buildings in particular, and the greater built environment in general. It expands on how LEED accredited professionals oversee building certification processes, and the documents and standards required to attain LEED certification at all levels. Materials for the course derive from the United States Green Building Council's Green Building Rating System for New Constructions and Major Renovations, Reference Guides, Registered Project Checklist, and Green Building Certification Institute's web resources. This course is required for Construction Management Major.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: CNST470

Last Updated: Graduate Credit 07/2011; Links 04/2011

CNST 446 - Senior Seminar on Professional Issues in Engineering, Technology and Construction

The seminar course addresses the important elements of professional conduct essential for the starting professional to succeed in technology-based industries. The course will focus on building the appropriate personal skills including networking, work relations, technical communications, ethics, diversity sensitivity, professionalism, public speaking and community service.

Credit Hours: 1 hr

CNST 450 - Fundamentals of Construction Project Management

Students combine many previous concepts and skills into a single comprehensive project that includes estimating, scheduling, production control techniques and documentation procedures. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: ENGL 324W (B or better), MGMT 384, CNST 304 and CNST 361

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CNST 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CNST 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CNST 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CNST 487 - Cooperative Education in Construction Management

The second in a two-course sequence for construction management majors. The students will be placed on a job that relates to their primary area of study, for one semester. Regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: CNST 387 and department permission

Notes: Graded on a credit/no-credit basis

Last Updated: Links 04/2011

CNST 494 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 1 hrs

Prerequisite: Offered on a credit/no-credit basis.

CNST 495 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 2 hrs

Prerequisite: Offered on a credit/no-credit basis.

CNST 496 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 3 hrs

Prerequisite: Offered on a credit/no-credit basis.

CNST 497 - Directed Study in Construction Management Techniques

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hrs

Prerequisite: department permission

CNST 498 - Directed Study in Construction Management Techniques

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

CNST 499 - Directed Study in Construction Management Techniques

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Electronic Engineering Technology

ELEC 120 - Principles of Electrical Theory

This course presents an introduction to principles of electrical circuits and components using an applied approach which includes hands-on activity.

Credit Hours: 3 hrs

ELEC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ELEC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ELEC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ELEC 200 - Circuit Analysis I

A first course in the fundamentals of circuit analysis and design. Kirchoff's and Ohm's Laws. Thevenin and Norton network theorems, with primary emphasis on DC circuits. Electronic instruments, laboratory data collection and report writing are also emphasized. Simulation software is used for computer assisted learning.

Credit Hours: 3 hrs

Prerequisite: MATH 105/MATH 107

Last Updated: Links 04/2011

ELEC 210 - Circuit Analysis II

Second course in fundamental circuit analysis and design. Emphasis will be on steady state analysis and power in AC circuits. Laboratory data collection and report writing. Simulation software is used.

Credit Hours: 3 hrs

Prerequisite: ELEC 200

Corequisites: MATH 112, MATH 120 or Math Placement

Last Updated: Links 04/2011

ELEC 214 - Digital Circuit Analysis I

The study of combinational and sequential circuits, logic families and design procedures. Simulation software is used for computer-assisted learning. Lab exercises with typical circuits data collection and report writing.

Credit Hours: 3 hrs

Prerequisite: ELEC 200

Last Updated: Links 04/2011

ELEC 215 - Computer-Aided Electronics

This course will introduce the student to the computers and software used for electronic circuit design and layout. CAD tools are used to develop block diagrams, electronic symbols, component representation, layout and assemblies.

Credit Hours: 3 hrs

ELEC 218 - Motors and Controls

The study of DC and AC motor theory, operation and control. Power, energy, efficiency and applications of motors and motor control circuitry are featured.

Credit Hours: 3 hrs

Prerequisite: ELEC 200

Last Updated: Links 04/2011

ELEC 219 - Techniques of Energy Control

An introduction to the use of tools, materials, machines, equipment, supplies, and mechanisms utilized in power mechanics for energy control. Lecture and laboratory course.

Credit Hours: 3 hrs

ELEC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ELEC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ELEC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ELEC 300 - Analog Circuit Analysis I

The study of the fundamentals of discrete solid state devices and linear integrated circuits. The concepts of instrumentation and control applications are included. Data collection and report writing are required.

Credit Hours: 3 hrs

Prerequisite: ELEC 210

Corequisites: MATH 120

Last Updated: Links 04/2011

ELEC 310 - Analog Circuit Analysis II

The continuation of analog circuit design and analysis, including operational amplifiers, filters and phase-locked-loops. Laboratory exercises, data collection and report writing are included; and simulation software is used for enhanced learning.

Credit Hours: 3 hrs

Prerequisite: ELEC 300

Corequisites: MATH 121

Last Updated: Links 04/2011

ELEC 314 - Digital Circuit Analysis II

The continuation of digital circuit design and analysis. Laboratory exercises with circuitry interfaced to a personal computer and report writing. Simulation software is also used.

Credit Hours: 3 hrs

Prerequisite: ELEC 214

Last Updated: Links 04/2011

ELEC 320 - Microcomputer Circuits

Circuit design and principles are considered, including address-control-data lines in microprocessors, memory and interfacing. Machines and other programming languages are used in laboratory exercises.

Credit Hours: 3 hrs

Prerequisite: ELEC 214/ELEC 300

Corequisites: COSC 111

Last Updated: Links 04/2011

ELEC 326 - Transform Circuit Analysis with Calculus

This course presents the fundamentals of transient circuit and system analysis with an emphasis on the Laplace transform and pole-zero approach for analyzing and interpreting problems.

Credit Hours: 3 hrs

Prerequisite: ELEC 120 and MATH 120

Last Updated: Links 04/2011

ELEC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ELEC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ELEC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ELEC 387 - Cooperative Education in Electronic Technology

An industrial experience in some facet of business or industry where the primary work emphasis is related to electronic engineering technology. During this period employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

ELEC 415 - Communication Circuits

The principles of communication circuits and systems are studied, including oscillators, amplifiers, modulation, antennas and transmission lines. Information theory, voice and data communications are considered also.

Credit Hours: 3 hrs

Prerequisite: ELEC 310

Corequisites: ELEC 314

Last Updated: Links 04/2011

ELEC 420 - Advanced Microprocessors

Further study of microprocessors and interfacing applications. Use of personal computers as the platform for data collection, instrumentation and control applications.

Credit Hours: 3 hrs

Prerequisite: ELEC 310, ELEC 314 and COSC 211

Last Updated: Links 04/2011

ELEC 426 - Control Systems Engineering (NEW COURSE)

This course presents control system concepts including the skills needed to identify control systems models and their transfer functions. Simulation software will be used to illustrate mathematical procedures and provide computer solutions to practical problems.

Credit Hours: 3 hrs

Prerequisite: ELEC 326

Class Restrictions: Junior standing and above only

Last Updated: New Course 05/2012, effective Winter 2013

ELEC 450 - Senior Design Project

This course is intended to be the capstone activity for the student; includes a proposal phase, development phase and final project, using the skills learned throughout the program.

Credit Hours: 3 hrs

Prerequisite: ELEC 420 and ELEC 415

Last Updated: Links 04/2011

ELEC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ELEC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ELEC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ELEC 487 - Cooperative Education in Electronic Technology

The second industrial experience for electronic technology majors. The students will be placed on a job that relates to their primary area of study, for one semester. Regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: ELEC 387 and department permission

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 04/2011

ELEC 494 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 1 hr

Notes: Offered on a credit/no-credit basis

ELEC 495 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 2 hrs

Notes: Offered on a credit/no-credit basis.

ELEC 496 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 3 hrs

Notes: Offered on a credit/no-credit basis.

ELEC 497 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hrs

Prerequisite: department permission

ELEC 498 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

ELEC 499 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Engineering Technology

ET 100 - Introduction to Engineering Technology

Introduction to the Engineering Technology profession by demonstrating and applying problem solving concepts from science and technology courses. Development of open-ended technological design projects which emphasize the communication skills. Supporting these activities is a structured syllabus that employs mathematical and physical reasoning towards the solution of fundamental engineering problems.

Credit Hours: 3 hrs

Concurrent Prerequisite: MATH 104 or higher

Last Updated: Credit Hour Change 02/2012, effective Fall 2012; Links 04/2011

ET 101 - Introduction to Engineering Technology Computing

Introduction to Engineering Technology Computing will cover the basics of Matlab and Excel. Data input, basic commands, predefined functions, plotting and simple programming as applied to engineering technology problems will be covered. Laboratory course.

Credit Hours: 1 hr

Concurrent Prerequisite: MATH 104 or higher

Last Updated: Links 04/2011

ET 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ET 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ET 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ET 497 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hr

Prerequisite: department permission

ET 498 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the

department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

ET 499 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Facility Management

FMGT 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FMGT 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FMGT 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FMGT 202 - Introduction to Facility Management

The student will gain an overview of the facility management profession. The following topics will be introduced: history of the facility management profession, organizational structure, property management, facilities planning, maintenance and operations, managing support services, managing construction projects, strategic planning and budgeting, and conducting a facilities audit.

Credit Hours: 3 hrs

FMGT 230 - Facility Operations and Maintenance

This course provides the student with an introduction to the operation and maintenance of facility systems. These systems include: heating, ventilation and air conditioning; elevators; grounds; building exterior and roof; interior walls and floors; plumbing; electrical; telecommunications; fire safety; and security.

Credit Hours: 3 hrs

FMGT 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FMGT 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FMGT 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FMGT 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FMGT 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FMGT 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FMGT 387 - Cooperative Education in Facility Management

Facility management majors will be placed on a job that relates to their primary area of study, for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: department permission

Major Restrictions: Credit applicable to Facility Management Majors only

Notes: Offered on a credit/no-credit basis

FMGT 416 - Managing Utilities, Lighting Systems and Code Compliance

This course covers utility rate structures and their effect on building operation strategies, building code requirements, and managing lighting systems for cost efficiency and code compliance.

Credit Hours: 3 hrs

Prerequisite: CADM 105 and FMGT 202

Last Updated: Links 04/2011

FMGT 417 - Computer-Aided Facility Management

This course teaches the student how to use software that is dedicated to managing facilities.

Credit Hours: 3 hrs

Prerequisite: CADM 105 and FMGT 230

Last Updated: Links 04/2011

FMGT 418 - Building Automation Systems

This course teaches the student how computerized control systems work in a building. The principal systems covered will be: heating, ventilation and air conditioning control; lighting systems-switching and dimming; elevators-optimum scheduling; security-access control and monitoring; and fire safety-air flow controls, alarms and sprinklers.

Credit Hours: 3 hrs

Prerequisite: CADM 105 and FMGT 202

Last Updated: Links 04/2011

FMGT 424 - Industrial Plant Facilities and Planning

Planning procedures related to small plant and heavy industrial production. Mass production layout methods, machine and production equipment arrangements, types of plant architecture and related facilities, transportation and handling facilities, lighting, sewerage, ventilation, water supply, electrical power and personal facilities are included.

Credit Hours: 3 hrs

FMGT 432 - Senior Seminar in Facility Management

This course is a capstone experience that considers and integrates special problems in facility management.

Credit Hours: 3 hrs

Prerequisite: FMGT 202 and FMGT 230

Concurrent Prerequisite: Completed or concurrent co-op

Class Restrictions: Senior standing

Last Updated: Links 04/2011

FMGT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

FMGT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

FMGT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

FMGT 487 - Cooperative Education in Facility Management

The second in a two-course sequence for facility management majors. The students will be placed on a job that relates to their primary area of study, for one semester. Regular employee benefits may be received..

Credit Hours: 3 hrs

Prerequisite: FMGT 387 and department permission.

Notes: Graded on a credit/no-credit basis

Last Updated: Links 04/2011

FMGT 494 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 1 hr

Notes: Offered on a credit/no-credit basis.

FMGT 495 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 2 hrs

Notes: Offered on a credit/no-credit basis

FMGT 496 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 3 hrs

Notes: Offered on a credit/no-credit basis

FMGT 497 - Directed Study in Facility Management Techniques

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hr

Prerequisite: department permission

FMGT 498 - Directed Study in Facility Management Techniques

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

FMGT 499 - Directed Study in Facility Management Techniques

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Interior Design

IDE 110 - Interior Design Studio I

Introduction to technical drawing techniques, interior construction processes and construction materials used in interior design. Emphasis on basic architectural drafting skills and conventions as applied to wood frame construction.

Credit Hours: 3 hrs

IDE 111 - Environmental Psychology and Behavior for Interior Design

Introduction to human factors, anthropometric, the precepts of Universal Design and ADA, as the foundation for the design process for interior environments. The course explores the program diversity in interior environments for both residential and commercial design using basic concepts of environmental psychology and behavior.

Credit Hours: 3 hrs

Class Restrictions: First-Year and Sophomore standing only

Previously Listed As: IDE 111 Human Factors and Universal Design

Last Updated: Title, description and restriction change 6/2012, effective winter 2013

IDE 120 - Interior Design Studio II

Development of interior design graphic presentation skills. Emphasis on quick sketched, 1 and 2 points perspectives and rendering techniques.

Credit Hours: 3 hrs

IDE 121 - Interior Design Materials and Components

Investigation of characteristics, properties, and uses of materials and components specified by the interior designer. Emphasis: Life cycle analysis of interior finishes, furnishings and equipment (FF&E) with discussion of relevant environmentally responsible design considerations.

Credit Hours: 3 hrs

IDE 122 - Interior Design Theory II

Introduction to environment and behavior and psychosocial theories as they apply to the design of interior environments. Emphasis: Environment and behavior and psychosocial theories, as relevant to environmentally responsible design, as a platform for exploration of environmentally responsible design in interior design practices.

Credit Hours: 3 hrs

IDE 123 - Computers for Interior Design I

Introduction to the use of computers in interior design. Emphasis: two-dimensional computer-aided drafting and three-dimensional modeling and rendering.

Credit Hours: 3 hrs

IDE 131 - Interior Design Theory I

Introduction to design theories as the foundation for planning interior environments. Emphasis: Discussion and exploration of relevant design theories including environment and behavior, design composition, spatial relationships and principles and elements of design.

Credit Hours: 3 hrs

IDE 177 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

IDE 178 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

IDE 179 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

IDE 208 - Introduction to Basic Design

Application of the basic principles and concepts of design as they pertain to the relationship between contemporary human needs and environmental needs. Color theory; functional and creative interior design

Credit Hours: 3 hrs

Major Restrictions: Non-majors only

IDE 210 - Interior Design Studio III

Introduction to the design process used in the interior design profession. Emphasis: programming, ideation, concept development, space planning, design development and documentation, and presentation of design projects.

Credit Hours: 3 hrs

Prerequisite: IDE 110, IDE 120 and IDE 123

Last Updated: Links 04/2011

IDE 219 - Computers for Interior Design II

Advanced computer-aided design techniques for multimedia presentations. Emphasis: Three-dimensional modeling, interior design graphics, presentation of interior design projects and the parametric design system.

Credit Hours: 3 hrs

Prerequisite: IDE 123

Last Updated: Links 04/2011

IDE 220 - Interior Design Studio IV

Engagement in creative problem solving using the design process to integrate both physiological and socio-psychological user needs with the functional and aesthetic design of an interior environment; analysis, synthesis and presentation of three-dimensional solutions to a beginning-level, small scale design problem.

Credit Hours: 3 hrs

Prerequisite: IDE 210 and IDE 219

Last Updated: Links 04/2011

IDE 221 - Environmental Systems for Interior Designers

Introduction to acoustics, noise control, climate control, plumbing and electrical systems. Emphasis: Investigation of building systems to enable interior designers to work within the parameters dictated by these systems and to communicate effectively with the subcontractors who design and install these systems.

Credit Hours: 3 hrs

IDE 225 - History of Interiors from Antiquity to 1800 (NEW COURSE)

Chronological survey of styles in architecture, interiors, furniture, and decorative arts from Antiquity to 1800. Emphasis on the design, function, construction, and evolution of interior environments and the sociological, psychological, and cultural factors that influenced the characteristics of each style.

Credit Hours: 3 hrs

Class Restrictions: All undergraduates and second bacc.

Last Updated: New Course 06/2012, effective Winter 2013

IDE 226 - History of Interiors from 1800 to Present

Chronological survey of styles in architecture, interiors, furniture, and decorative arts from 1800 to present. Emphasis on the design, function, construction, and evolution of interior environments and the sociological psychological, and cultural factors that influenced the characteristics of each style.

Credit Hours: 3 hrs

Major Restrictions: All undergraduates and second bacc.

Previously Listed As: IDE 222 History of Interiors

Last Updated: number, title and description change 6/2012, effective Winter 2013

IDE 277 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

IDE 278 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

IDE 279 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

IDE 310 - Interior Design Studio V

Engagement in creative problem solving using the design process to integrate both physiological and socio-psychological user needs with the functional and aesthetic design of the interior environment through analysis, synthesis and presentation of three-dimensional solution to an intermediate-level, medium scale design problem.

Credit Hours: 3 hrs

Prerequisite: IDE 220

Last Updated: Links 04/2011

IDE 317 - Lighting Systems for Interior Designers

Introduction to lighting design for interior environments. Emphasis on lighting design fundamentals, the lighting design process, light sources and energy conservation. Application: Retail lighting design.

Credit Hours: 3 hrs

Prerequisite: IDE 122 and IDE 131

Last Updated: Links 04/2011

IDE 318 - Interior Building Codes and ADA

Examination of the codes and laws relevant to the design of the interior environment with in-depth analysis of ADA as it relates to interior designers. Emphasis is implementation of the code check process and ADA compliance evaluations.

Credit Hours: 3 hrs

Prerequisite: IDE 122 and IDE 131

Last Updated: Links 04/2011

IDE 320 - Interior Design Studio VI

Engagement in creative problem solving using the design process to integrate both physiological and socio-psychological user needs with the functional and aesthetic design of the interior environment through analysis, synthesis, and presentation of a three-dimensional solution to an intermediate-level, medium scale, non-residential design problem.

Credit Hours: 3 hrs

Prerequisite: IDE 310

Major Restrictions: Interior Design Majors only

Last Updated: Links 04/2011

IDE 324 - Internship in Interior Design

Development of communication tools required for Interior Design internship placement with emphasis on portfolio and resume preparation, and interviewing techniques, Evaluation of the supervised internship student work experience in the Interior Design professional practice learning outcomes in specific design domain.

Credit Hours: 4 hrs

Prerequisite: IDE 310

Concurrent Prerequisite: IDE 310

Previously Listed As: IDE 411 & IDE 323 **Course Revisions:**

Merge of IDE 411 Internship in Interior Design and IDE 323 Internship in Interior Design Preparation

Last Updated: Number change 7/2012, effective Winter 2013; course merge, description, credit and prerequisite change 6/2012, effective Winter 2013; Links 04/2011

IDE 325 - Professional Practice in Interior Design

Examination of business principles and practices in the interior design profession. This course will cover the different types of business organizations, marketing practices, management practices, and legal aspects specific to interior design firms, the management of interior design projects, warranties, and liabilities for products and service provided by interior designers.

Credit Hours: 3 hrs

Major Restrictions: Interior Design Majors only

Previously Listed As: IDE 422 Professional Practice in Interior Design

Last Updated: number and description change 6/2012, effective Winter 2013

IDE 377 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

IDE 378 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

IDE 379 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

IDE 410 - Interior Design Studio VII

Engagement in creative problem solving and critical thinking, using the design process to integrate both physiological and socio-psychological user needs with the functional and aesthetic design of the interior environment through analysis, synthesis and presentation of a three-dimensional solution to an advanced-level, large scale, non-residential design problem. Emphasis: Mixed-use design project in an adaptive reuse of a mid or high-rise building.

Credit Hours: 3 hrs

Prerequisite: IDE 320

Last Updated: Links 04/2011

IDE 411 - Internship in Interior Design (TO BE DELETED)

Supervised work experience in the interior design profession (120 hours). Emphasis: Opportunity to work with an NCIDQ certificate holder to observe and participate in the day-to-day operations of the firm to gain a better understanding of professional practice in that particular design domain.

Credit Hours: 1 hrs

Prerequisite: IDE 324

Last Updated: Merge with IDE 323, effective Winter 2013; Links 04/2011

IDE 420 - Interior Design Studio VIII

Engagement in creative problem solving and critical thinking, using the design process to integrate both physiological and socio-psychological user needs with the functional and aesthetic design of the interior environment through analysis, synthesis and presentation of a three-dimensional solution to an advanced-level, large scale, non-residential design problem.

Credit Hours: 3 hrs

Prerequisite: IDE 410

Last Updated: Links 04/2011

IDE 425 - Mill Work Design and Detailing

The design of architectural detail and mil-work correlated with construction specifications development for commercial environments. Emphasis on research based design of the different materials and their applications with the building's electrical, plumbing, mechanical, acoustical, security, fire suppression and lighting systems.

Credit Hours: 3 hrs

Prerequisite: IDE 320

Concurrent Prerequisite: IDE 320

Class Restrictions: Senior standing only

Previously Listed As: IDE 322

Last Updated: Change in number, description and prerequisites, 6/2012, effective Winter 2013; Links 04/2011

IDE 430W - Writing for Interior Design (Gen Ed Area I, W)

The course focuses on writing about interior design topics. Students will develop their skills in presenting design content accurately and efficiently on a variety of topics dealing with design discourse, business practices, and technical processes. By focusing the students' attention on writing for a professional audience, a higher degree of relevancy will be stressed.

Credit Hours: 3 hrs

Prerequisite: IDE 410

Class Restrictions: Senior standing only

Major Restrictions: Interior Design Majors only

Area I: Effective Communication

IDE 430W Writing for Interior Design

This course is intended for students in the Interior Design program in the School of Engineering Technology (SET). The purpose of this course is to provide students with the opportunity to excel in writing that is relevant to the Interior Design profession. By connecting writing and design content more closely, this course will better prepare students for the expectations of the workplace, and improve their opportunities for professional advancement.

Interior design professionals must be able to use appropriate language for the appropriate audiences in presenting their ideas and designs. In the Interior Design profession, visual presentations are used to make the initial impact, however what is appealing to

the eye needs to be justified on paper and followed through throughout the design process in order for designs to come alive. It is important for students to leave the program with sufficient knowledge about how to prepare and administer contract documents, how to use persuasion when pursuing potential projects, and how to engage in profitable discourse about any given design project. Inclusion of an intensive writing course that focuses strictly on the Interior Design profession will allow students to develop these skills.

In contrast to most IDE courses, which emphasize the applications of interior design theory and technology via graphic presentation, this course focuses entirely on clear and concise writing. The writing activities will count for 75 percent of the course grade.

Last Updated: Gen Ed Approval 12/2011, effective Winter 2012; New Course 08/2011, effective Winter 2012

IDE 477 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

IDE 478 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

IDE 479 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

IDE 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

IDE 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

IDE 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

IDE 503 - Physical Environments for Aging

The course will explore the interrelationship between the physical and psychosocial changes that occur with normal aging and the designed environment. Environmental assessments and recommendations to accommodate normal aging and the related physical impairments will be addressed.

Credit Hours: 2 hrs

Notes: This is a graduate course in an undergraduate program.

Manufacturing

MFG 103 - Introduction to Automation

An introduction to the technology of discrete parts manufacturing. Topics include the contemporary manufacturing environment, new and emerging technologies, human-machine interfaces and human resource issues. Course includes field trips.

Credit Hours: 3 hrs

Last Updated: 2/8/2011

MFG 124 - Manufacturing Processes and Methods II

An introduction and survey of machines, tools, processes and materials of industry. Includes conventional and nonconventional machining, theory of metal removal, cutting tool geometry and materials, fixturing and measuring devices. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: MATH 107 or Level 4 math placement

Last Updated: Links 04/2011

MFG 140 - Science, Technology and People

This course will help people better understand the complementary relationship between science and technology in (a) creating technical devices, services and systems; and (b) solving problems.

Credit Hours: 3 hrs

Last Updated: 2/8/2011

MFG 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/8/2011

MFG 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/8/2011

MFG 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/8/2011

MFG 215 - Machine Tool Metalworking

Machine tools and metalworking processes including turning, drilling, shaping, milling and grinding. Principles of tooling, precision measurement and identification of metals. Lecture and laboratory course.

Credit Hours: 3 hrs

Last Updated: 2/8/2011

MFG 251 - Material Analysis and Testing

Study of the structure, characteristics, and working qualities of common industrial materials. Lecture and laboratory course.

Credit Hours: 3 hrs

Last Updated: 2/8/2011

MFG 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 306 - Plastic Processing

A study of high polymers, basic resin types, and their application to molding and fabrication process. Analysis of chemical and physical properties, mold design, and problems of production. Experimentation and testing required. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PDD 111

Last Updated: Links 05/2011

MFG 318 - Fluid Power

Industrial hydraulic and pneumatic power transmission. Emphasis is on components, system control techniques, logic, system analysis and design. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PHY 221

Last Updated: Links 04/2011

MFG 361 - Computer Numerical Control

NC programming for both CNC mill and lathe. The transfer of part descriptions into a detailed process plan, tool selection, and finally into NC machine codes. Computer-assisted programming, APT, and CAD/CAM for 2-D machining is emphasized. Verification is accomplished by laboratory work.

Credit Hours: 3 hrs

Prerequisite: MATH 107 or Level 6 math placement, MFG 124 and PDD 122

Last Updated: Links 04/2011

MFG 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 411 - Plastics Fabricating and Decorating

Processes involved in forming and fastening of standard profile materials in plastics. Methods of joining, machining and decorating of plastics materials and products are required. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: MFG 306

Last Updated: Links 04/2011

MFG 421 - Manufacturing Engineering Analysis

An advanced course in the analysis of manufacturing operations, utilizing current and new concepts and methods of manufacturing engineering and quality. Students from various programs will work together in integrated teams and utilize complementary tools and skills to identify and solve problems. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PDD 316

Last Updated: Links 05/2011

MFG 425 - Advanced Manufacturing Methods

The course emphasizes computerized methods of planning, material handling, machining cells and inspection. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: MFG 103, MFG 124, PDD 203, ELEC 218 and PDD 123

Last Updated: Links 04/2011

MFG 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 494 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 1 hr

Notes: Offered on a credit/no-credit basis.

Last Updated: 2/9/2011

MFG 495 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 2 hrs

Notes: Offered on a credit/no-credit basis.

Last Updated: 2/9/2011

MFG 496 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 3 hrs

Notes: Offered on a credit/no-credit basis.

Last Updated: 2/9/2011

MFG 497 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 498 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

MFG 499 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/9/2011

Mechanical Engineering Technology

MET 211 - Statics

This course is an applied and analytical study of structural components in static equilibrium with emphasis on engineering applications. Topics include force resultants, moments, trusses, frames, centroids and moments of inertia.

Credit Hours: 3 hrs

Prerequisite: (MATH 120 or MATH 140) and (a C- or better in PHY 221 or PHY 223)

Last Updated: Prerequisite Change 11/2011, effective Winter 2012; Links 04/2011

MET 223 - Descriptive Geometry

Students will develop the graphical procedures for working with points, lines, planes and solids in space and in relation to other points, lines, planes and solids. Intersections and developments of these geometric features will be performed.

Credit Hours: 2 hrs

Lecture/Lab Hours: Lecture and laboratory course

Prerequisite: MATH 107 and PDD 122

Last Updated: Links 04/2011

MET 312 - Applied Dynamics Principles

Fundamentals of the kinematics and kinetics of motion with emphasis on practical applications of engineering systems. Theory and application of Newton's Laws of Motion, displacement, velocity, acceleration, rectilinear and curvilinear motion, power, impulse and momentum.

Credit Hours: 3 hrs

Prerequisite: MET 211 and (a C- or better in PHY 221 or PHY 223)

Class Restrictions: Sophomore standing

Last Updated: Prerequisite revision 7/2012; Prerequisite Change 11/2011, effective Winter 2012; Links 04/2011

MET 313 - Applied Mechanics of Materials

Analysis and design of structural members subjected to external forces, considering stress, strain and deformation of elastic solids. Study of tension, compression, shear, torsion and combined stress. Emphasis on the practical application of these concepts to the analysis of beams, columns, pressure vessels and machine members. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: MET 211 and (a C- or better in PHY 221 or PHY 223)

Class Restrictions: Sophomore standing

Last Updated: Prerequisite revision 7/2012; Prerequisite Change 11/2011, effective Winter 2012; Links 04/2011

MET 314 - Applied Thermodynamics and Heat Transfer

Applications of the first and second laws of thermodynamics. Study of thermodynamics steam and refrigeration cycles. Availability and conservation of energy. Power and efficiency. Introduction heat transfer by conduction, convection and radiation. Fundamental laws governing the transformation of heat into mechanical energy with emphasis on practical applications of engineering systems. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: (MATH 120 or MATH 140) and (a C- or better in PHY 221 or PHY 223)

Class Restrictions: Sophomore standing

Last Updated: Prerequisite Revision 7/2012; Prerequisite Change 11/2011, effective Winter 2012; Links 04/2011

MET 316 - Design for Manufacturing and Tooling

A study of manufacturing tooling systems integrated with product and process design principles, utilizing concurrent engineering methods. Students from various programs will work together in integrated teams and utilize complementary tools and skills to solve design problems. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PDD 122 and PDD 123

Class Restrictions: Sophomore standing

Last Updated: Links 04/2011

MET 319 - Fluid Mechanics

An analytical study of fluids under all conditions of rest and motion. The emphasis is on physical concepts rather than mathematical manipulation. Topics include fluid statics, kinematics of fluid motion, incompressible and compressible flow, impulse momentum principle, fluid flow in pipes and open channels, and fluid measurement. Lecture and Laboratory course.

Credit Hours: 3 hrs

Prerequisite: MET 211, and (a C- or better in PHY 221 or PHY 223)

Class Restrictions: Sophomore standing

Last Updated: Prerequisite revision 7/2012; Prerequisite Change 11/2011, effective Winter 2012; Links 04/2011

MET 387 - Cooperative Education in Mechanical Engineering Technology

Mechanical Engineering Technology majors will be placed in a job that relates to their primary area of study, for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Offered on a credit/no-credit basis.

MET 411 - Mechanical/Machine Design

A study of the decision-making processes which mechanical engineers use in the formulation of plans for the physical realization of machines, devices, and systems. Topics include the phases of design, codes and standards, stress analysis, failure criteria, design for fatigue strength and the design of mechanical elements.

Credit Hours: 3 hrs

Prerequisite: PDD 123, MET 312 and MET 313

Class Restrictions: Junior standing

Last Updated: Links 04/2011

MET 437 - Kinematics of Machines

Static, kinematic and dynamic analysis of plane motion. A study of instantaneous centers, velocities, accelerations and forces in mechanisms and machine elements. Development and analysis by analytical and graphical methods.

Credit Hours: 3 hrs

Prerequisite: MET 313 and MET 312

Last Updated: Links 04/2011

MET 470 - Mechanical Vibrations

Time and frequency domain mathematical techniques for linear system vibrations. Equations of motion of discrete systems. Vibration of two-degree-of-freedom systems. Oscillation Theory. Undamped system response. Viscously damped systems.

Credit Hours: 2 hrs

Prerequisite: MET 312

Last Updated: Links 04/2011

MET 492 - Senior Design Projects I

The first term of a two-term, comprehensive, capstone, open-ended design project. Establishment and development of the design process with special emphasis placed on teamwork towards the initial design proposal — written and oral.

Credit Hours: 3 hrs

Prerequisite: SET 350W

Concurrent Prerequisite: MET 437

Class Restrictions: Senior standing

Last Updated: Prerequisite Change 11/2011, effective Winter 2012; Links 04/2011

MET 493 - Senior Design Projects II

The concluding term of a two-term, comprehensive, capstone, open-ended design project. Generation and conclusive development of the final design with consideration for design reviews, prototype requirements, scheduling, ergonomics, safety

and economic constraints. A written report and oral defense of the project is required.

Credit Hours: 3 hrs

Prerequisite: MET 492

Last Updated: Links 04/2011

Polymers and Coatings

PC 185 - World of the Super Small

This course acquaints students with nanotechnology phenomena in basic science and engineering disciplines. The material presented broadly illustrates the diversity of nanoscale phenomena and how these phenomena impact our daily lives. A prime objective is to inculcate the ability to discuss and understand basic aspects of interesting "nano" phenomena.

Credit Hours: 3 hrs

PC 203 - Miniaturization in Technology

Miniaturization as a scientific, sociological or economic driver in the evolution of technology is examined. This specialized history course focuses on technology development from the 19th through 21st centuries and illustrates how various industrial and consumer products and manufacturing processes have led to the current focus on nanotechnology.

Credit Hours: 3 hrs

PC 260 - Introduction to Coatings Science and Technology

The course is designed for the science and engineering undergraduates who want to gain basic understanding about the coatings. Coatings are used in myriad applications such as buildings, automobiles, industrial products, construction, electronics, etc. and fundamental knowledge of this interdisciplinary field is very useful to the future scientists and engineers.

Credit Hours: 3 hrs

Prerequisite: CHEM 123, CHEM 124 and PHY 222

Class Restrictions: Sophomore, Junior or Senior standing

Last Updated: Links 04/2011

PC 310 - Polymers for Engineers and Technologists

Introduction to polymer science, polymerization, polymer modifications, size and weight of polymer molecules, plastics, adhesives, silicones, foams, surface coatings, fibers, elastomers, transitions and relaxations in polymers, rheology, polymer fabrication techniques.

Credit Hours: 3 hrs

Prerequisite: CHEM 123 and CHEM 124 or department permission

Last Updated: Links 04/2011

PC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 04/2011

PC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 04/2011

PC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 04/2011

PC 387 - Cooperative Education in Interdisciplinary Technology

A minimum of three to four months of full-time employment in a business or industry that provides experiences directly related to the major area of study. Work sites must be approved in advance by the Interdisciplinary Technology Department. Regular employee benefits may be received during the employment period.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 04/2011

PC 400 - Polymers and Coatings Technology I

Introduction to synthesis, film formation, structure, and properties of polymers commonly used in coatings. Polymer systems to be covered include acrylic, vinyls, polyesters, alkyds, oils, epoxies, epoxyesters, aminoplasts, urethanes, phenolics, hydrocarbons, cellulose.

Credit Hours: 3 hrs
Prerequisite: CHEM 371 and CHEM 372
Last Updated: Links 04/2011

PC 401 - Polymers and Coatings Technology I Laboratory

Synthesis, characterization and identification of polymers used in coatings. The synthesis of solution acrylic, vinyl, acrylic emulsion, polyester, alkyd, epoxyester, melamine formaldehyde and urethane polymers with extensive use of physical techniques such as GIRT, GP and calorimetry.

Credit Hours: 3 hrs
Corequisites: PC 400
Last Updated: Links 04/2011

PC 402 - Polymers and Coatings Technology II

Formulation in oil-based and waterborne coatings covering the use of solvents, pigments and additives. Principles of adhesion and corrosion, and the use of conversion coatings. Safety, health, government regulations and paint production techniques.

Credit Hours: 3 hrs

Prerequisite: PC 400

Last Updated: Links 04/2011

PC 403 - Polymers and Coatings Technology II Laboratory

Practical formulation in oil-based and waterborne systems including the preparation and evaluation of various topcoats and primers currently used in the coatings industry (e.g., oil-based air-dry enamel, thermosetting coating, epoxyester primer, two-package urethane, acrylic latex and ED primer).

Credit Hours: 3 hrs

Corequisites: PC 402

Last Updated: Links 04/2011

PC 404 - Coatings Raw Materials

Coating industry is raw material intensive. Understanding of properties of coatings, their optimization and trouble shooting requires thorough knowledge about the raw materials used in coatings. This course provides basic understanding of chemistry and technology of different classes of raw materials used in formulations of coatings.

Credit Hours: 3 hrs

Prerequisite: CHEM 123 and CHEM 124

Class Restrictions: Sophomore, Junior or Senior standing

Last Updated: Links 04/2011

PC 405 - Coating Processes I

Development of expertise in industrial coating processes. Substrate preparation, principles of adhesion, corrosion control, industrial coating materials, industrial coating systems and regulatory compliance in the coatings industry.

Credit Hours: 3 hrs

Prerequisite: PC 310 or PC 400 or department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

PC 406 - Colloids and Interfaces

The basics of surface and interfacial physical chemistry are presented and tied to the important elements of coating and dispersions technology. Surface tension, capillarity, thermodynamics, surface films on liquids, contact angles, wetting, detergency, friction, lubrication, electrical double layer, stabilization, comminution, dispersions, and emulsions are the main topics covered.

Credit Hours: 3 hrs

Prerequisite: CHEM 361 or department permission

Last Updated: Links 04/2011

PC 407 - Coating Processes II

Process and equipment for coatings application, economic analysis of coating operations, paint defects and line design for productivity and energy conservation.

Credit Hours: 3 hrs

Prerequisite: PC 405 or department permission

Last Updated: Links 04/2011

PC 408 - Patent Drafting and Prosecution

Elementary patent law, efficient methods of reviewing patents, careers in the patenting arena and learning technology from patent publications are discussed and illustrated. Technical writing skills for drafting patent applications and for partnering with patent attorneys in prosecuting patent applications are developed in homework and in-class workshop exercises.

Credit Hours: 3 hrs

Class Restrictions: Junior or Senior standing

PC 416 - Water-Based Coatings

A course to present the technology involved in preparing and utilizing water-based coatings (solvent-based, powder and others) are presented. The requirements for polymers and other ingredients of water-based coatings formulations are taught.

Credit Hours: 3 hrs

Prerequisite: PC 310

Corequisites: PC 400

Last Updated: Links 04/2011

PC 460 - Advanced Coatings Topics

Development of in-depth formulating skills; new technology areas in coatings and polymers.

Credit Hours: 3 hrs

Prerequisite: PC 402, PC 403 or department permission

Last Updated: Links 04/2011

PC 477 - Special Topics

An examination of topics in interdisciplinary technology not covered in other departmental offerings. Students may elect these courses more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PC 478 - Special Topics

An examination of topics in interdisciplinary technology not covered in other departmental offerings. Students may elect these courses more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PC 479 - Special Topics

An examination of topics in interdisciplinary technology not covered in other departmental offerings. Students may elect these courses more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PC 487 - Cooperative Education in Interdisciplinary Technology

A minimum of three to four months of full-time employment in a business or industry that provides experiences directly related to the major area of study. Work sites must be approved in advance by the Interdisciplinary Technology Department. Regular employee benefits may be received during the employment period.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PC 497 - Independent Study

Individual work in some area of interdisciplinary technology under the direction of a faculty member. Preliminary draft of proposed study must be approved by the department prior to enrollment. May be selected more than once, after resubmission and approval.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PC 498 - Independent Study

Individual work in some area of interdisciplinary technology under the direction of a faculty member. Preliminary draft of proposed study must be approved by the department prior to enrollment. May be selected more than once, after resubmission and approval.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PC 499 - Independent Study

Individual work in some area of interdisciplinary technology under the direction of a faculty member. Preliminary draft of proposed study must be approved by the department prior to enrollment. May be selected more than once, after resubmission and approval.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

Product Design and Development

PDD 101 - Introduction to Industrial Drawing

An introductory mechanical drawing course emphasizing lettering, measuring, geometric construction, sketching, equipment usage, pictorials, orthographic projection and dimensioning. This course is intended for students without previous drafting experience.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course.

Notes: This course does not count toward a CAD/CAM major.

Previously Listed As: CADM 101

Last Updated: Links 04/2011

PDD 111 - Materials

This course introduces students to the major categories of engineering materials. It focuses on selection, failure and degradation of metals, polymers, ceramics and composites.

Credit Hours: 3 hrs

Previously Listed As: MFG 111

Last Updated: Links 04/2011

PDD 122 - Engineering Graphics

An introductory product design course emphasizing the creation and documentation of drawings using software application packages. Some of the units of instruction include orthographic projection, dimensioning, threads, fasteners, tolerancing, gears, cams, sheet metal and weldments. The students in this course will be required to design simple mechanisms throughout the course.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture and laboratory course.

Prerequisite: PDD 101 or one year of high school drafting

Previously Listed As: CADM 122

Last Updated: Links 04/2011

PDD 123 - Manufacturing Processes

An introduction and survey of manufacturing process and materials. Lecture, laboratory, and outside study assignments are an essential part of this course and are related to heat training, properties of materials, casting, forming, joining, survey of machines, tools, conventional and non-traditional machining, theory of metal removal, cutting tool geometry and materials, fixturing and measuring devices.

Credit Hours: 4 hrs

Previously Listed As: MFG 123

Last Updated: Links 04/2011

PDD 156 - Teamwork in Product Design and Development

An introduction to the formation and use of teams and the structures and tools utilized in the product design and development process. The course includes skills needed by individuals in order to be a part of a successful product design and development team.

Credit Hours: 3 hrs

PDD 157 - Introduction to Product Design

Presents an in-depth study of structured product design processes and methods. Methods discussed include experiences with hands-on products, applications of contemporary technologies, realistic applications of mathematics and scientific principles, studies of systematic experimentation, exploration of the design methodology and decision making for real product development.

Credit Hours: 3 hrs

PDD 203 - Industrial Operations

A survey course in the practices of manufacturing organizations. Units include careers, regulatory agencies, facilities management, group technology, problem solving and quality decision-making.

Credit Hours: 3 hrs

Previously Listed As: MFG 203

Last Updated: Subject Code Change 08/2011, effective Fall 2011

PDD 212 - Molding Materials and Processes

A study of molded products: material properties and identification, processing techniques, and application of design to product manufacture. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PDD 111 and PDD 123

Previously Listed As: MFG 112

Last Updated: Links 04/2011

PDD 220 - Geometric Dimensioning and Tolerancing

Introduction to metrology and geometric dimensioning and tolerancing concepts. Practical applications of metrology including geometric dimensioning and tolerancing will be focused on through lecture and laboratory experiences.

Credit Hours: 3 hrs

Prerequisite: PDD 122 and PDD 123

Previously Listed As: MFG 290

Last Updated: Links 04/2011

PDD 224 - 3-D Solid Modeling

Examination and production of engineering designs/drawings using 3-D solid and wireframe techniques. Software generation of drawings, models and assemblies, including exploration of file formats and transfers. Class files utilized to construct physical prototypes using rapid prototyping equipment as an output device. Models can be used for testing and visualization.

Credit Hours: 3 hrs

Prerequisite: PDD 122 and PDD 123

Previously Listed As: CADM 324

Last Updated: Links 04/2011

PDD 309 - Molded Product Design

Principles of mold design for a variety of molded products. Topics include gating, venting, risering, parting, ejection, mold materials, machining, fabricating and testing. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PDD 156, PDD 157, PDD 212, PDD 220 and PDD 224

Previously Listed As: MFG 409

Last Updated: Links 04/2011

PDD 310 - Formed Product Design

Principles of tooling design for a variety of formed products. Topics include tooling for thermoforming, blow molding, stamping, hydroforming and other forming processes. Lecture and laboratory course.

Credit Hours: 3 hrs

Prerequisite: PDD 156, PDD 157, PDD 212, PDD 220, PDD 224

Previously Listed As: MFG 410

Last Updated: Links 04/2011

PDD 311 - Engineering Intellectual Property

Introduction to intellectual property as related to the field of engineering. Topics include patents, copyrights, trademarks, trade secrets and intellectual property licensing.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or higher

Previously Listed As: MFG 311

Last Updated: Links 04/2011; Subject Code/Prerequisite/Restriction Change 08/2011, effective Fall 2011

PDD 316 - Concept Development Studio

A course in the generation, selection and testing of new and revised product concepts. Converting customer needs and specification into a set of product concepts from which the product development team will make a final selection. Includes the methods, processes and procedures for making sound decisions in a cross functional product team environment.

Credit Hours: 3 hrs

Prerequisite: ARTS 122, PDD 156, PDD 157, PDD 220 and PDD 224

Previously Listed As: MFG 316

Last Updated: Links 04/2011

PDD 325 - Applied Statics and Strength of Materials

Students will understand the fundamentals of statics of mechanical body and system. This course is the study of elementary, analytical and practical approaches to the principles of physical concepts of static and strength materials.

Credit Hours: 4 hrs

Lecture/Lab Hours: Lecture and laboratory course

Prerequisite: PHY 221

Previously Listed As: CADM 325

Last Updated: Links 04/2011

PDD 327 - Engineering Project Management

A study of project management activities associated with design and manufacturing engineering. Topics include project management concepts, methodologies, planning, budgeting, scheduling, evaluation, communication and implementation.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or higher

Previously Listed As: MFG 327

Last Updated: Links 04/2011; Subject Code/Prerequisite/Restriction Change 08/2011, effective Fall 2011

PDD 331 - Product Design Data Management

Students develop an interactive CAD software package. Principles of software design, the use of graphics hardware and the generating, modifying, and transforming of CAD entities and databases are included.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and laboratory course

Prerequisite: PDD 224

Previously Listed As: CADM 331

Last Updated: Links 04/2011

PDD 340 - Engineering Ethics

Study of professional moral frameworks and applications in the engineering profession. Real and theoretical cases in addition to codes of ethics from numerous professional engineering organizations will be examined.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or higher only

Previously Listed As: EM 340

Last Updated: Course Revision 05/2012, effective Fall 2012; Links 04/2011

PDD 350 - Prototyping

An introduction into the purpose, planning, construction and testing of prototypes and their application to the product design and development process. Topics include: prototyping types and uses, principles, technologies, plans and reverse engineering.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture and Laboratory Course

Prerequisite: PDD 316

Last Updated: Links 04/2011

PDD 380 - Engineering Cost Estimating

Analysis of product design and manufacturing costs. Methodology for product design and manufacturing based on economic factors. Development of cost estimates for product design, tooling, and manufacturing costs. Introduction to bidding and the preparation of part quotes.

Credit Hours: 3 hrs
Prerequisite: PDD 203 or PDD 309, PDD 310 and QUAL 320
Previously Listed As: MFG 380
Last Updated: Links 04/2011

PDD 387 - Cooperative Education in Product Design

Industrial technology majors will be placed on a job that relates to their primary area of study, for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs
Prerequisite: Department permission
Major Restrictions: Industrial technology or Industrial Teacher Education Majors only
Notes: Offered on a credit/no-credit basis.
Previously Listed As: MFG 387
Last Updated: 02/2011

PDD 432 - 3-D Modeling and Surfacing Techniques

Students learn and practice surface modeling techniques using a 3-D CAD surface modeling software application package and measurement data. Free form surface modeling techniques and scanned or digitized point data will be created to produce high-quality surface models.

Credit Hours: 3 hrs
Lecture/Lab Hours: Lecture and laboratory course
Prerequisite: PDD 309, PDD 310 and PDD 350
Previously Listed As: CADM 432
Last Updated: Links 04/2011

PDD 433 - Advanced Tool Development

This course will introduce students to the generation of tool paths for 2.5 and 3-axis milling and drilling application. This class, as a continuation of modeling, adds knowledge and experience related to product design, assembly modeling, master model concepts and basic NX CAM functionality.

Credit Hours: 3 hrs
Prerequisite: PDD 309, PDD 310 and PDD 350
Previously Listed As: CADM 433
Last Updated: Links 04/2011

PDD 435 - Finite Element Analysis

Finite element analysis (FEA) is a powerful tool used by industries to solve many engineering problems. Basic concepts of this technique will be introduced and the students will have hands-on experience to analyze truss, beam, stress and strain problems by using FEA software packages.

Credit Hours: 3 hrs
Prerequisite: PDD 325 or MET 313
Previously Listed As: CADM 435
Last Updated: Links 04/2011

PDD 450 - Lean Enterprise

Overview of lean philosophy and lean practices. Application of lean practices in manufacturing and service industries. Topics include by are not limited to standardized work, muda, kanban, 5S, jidoka, value stream mapping, JIT and Hoshin planning.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or higher

Previously Listed As: MFG 450

Last Updated: Links 04/2011; Subject Code/Prerequisite/Restriction Change 08/2011, effective Fall 2011

PDD 470 - Integrated Product and Process Design

This course investigates the integration of product and process design methodologies. It is intended for anyone involved in product design, manufacturing engineering, process engineering, or manufacturing management. The course investigates design for manufacture and assembly, quality function deployment, value analysis, failure mode and effects analysis, error/mistake proofing, team dynamics and design of experiments.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing or higher

Previously Listed As: MFG 470

Last Updated: Links 04/2011; Subject Code/Prerequisite/Restriction Change 08/2011, effective Fall 2011

PDD 487 - Cooperative Education in Manufacturing Technology

The second in a two-course sequence for industrial technology majors. The students will be placed on a job that relates to their primary area of study, for one semester. Regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: PDD 387 and department permission

Notes: Graded on a credit/no-credit basis

Last Updated: Links 04/2011

PDD 491 - Computer-Aided Design Studio

The design studio will focus on the design and development of products in a teamwork environment using CAD/CAE tools. This is a comprehensive, capstone design project class for senior Product and Design Development majors.

Credit Hours: 3 hrs

Prerequisite: PDD 435, PDD 432 and PDD 433

Previously Listed As: CADM 491

Last Updated: Links 04/2011

PDD 492 - Product Realization Studio

This design studio will focus on the design and development of a product and the production system and enterprise for its manufacture. Students will work together in integrated teams and utilize complementary tools and skills to solve design, planning and production problems.

Credit Hours: 3 hrs

Prerequisite: PDD 380 or MFG 421

Previously Listed As: MFG 490

Last Updated: Links 04/2011

Quality Technology

QUAL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 320 - Industrial Quality Control

An introduction to quality control systems and methods utilized in industry. Topics include quality policy and organization, data collection, and reporting, control charts, process and gauge capability, sampling plans, reliability, cost of quality, product liability and problem analysis.

Credit Hours: 3 hrs

Prerequisite: College Algebra or equivalent

QUAL 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 387 - Cooperative Education in Quality Technology

Industrial technology majors will be placed on a job that relates to their primary area of study, for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: Department permission

Major Restrictions: Credit applicable to Industrial Technology Majors and Industrial Teacher Education Majors only

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 04/2011

QUAL 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 487 - Cooperative Education in Quality Technology

The second in a two-course sequence for industrial technology majors. The students will be placed on a job that relates to their primary area of study for one semester. Regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: QUAL 387 and department permission

Notes: Graded on a credit/no-credit basis.

Last Updated: Links 04/2011

QUAL 494 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 1 hr

Notes: Offered on a credit/no-credit basis

QUAL 495 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 2 hrs

Notes: Offered on a credit/no-credit basis

QUAL 496 - Industry-Based Special Topics

Course descriptions are formulated at the time of an industry's request and reflect the particular requirements of the client company.

Credit Hours: 3 hrs

Notes: Offered on a credit/no-credit basis

QUAL 497 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 498 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

QUAL 499 - Independent Study

Available to selected students who have demonstrated ability to profit from a directed-study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser and chair.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

School of Engineering Technology

SET 102 - World Wide Production: Global Impacts (Gen Ed Area III)

A course on the effects of globalization of the production of consumer products. Students will explore the production of selected common products in China, India, Uzbekistan, Cambodia, Brazil, and Pakistan. Students will consider the changing role of

women, debt bondage, child labor, health and safety issues, and environmental degradation. These workforce issues are also entwined with immigration, trade agreements, natural resources, standards of living, and social/cultural systems.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

SET 102 World Wide Production

In this course, students will investigate how global trade has and is changing the lives of people around the world. The course focuses on the production of several simple products (such as paperclips, candlesticks, blue jeans, bricks and charcoal) in order to learn about several countries and the conditions of life for the people who make these items. This knowledge will help students make informed decisions about global issues and will assist them in understanding the changing modern world.

Last Updated: Links 03/2011

SET 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SET 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SET 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SET 277 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 1 hr

SET 278 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 2 hrs

SET 279 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 3 hrs

SET 350W - Engineering Communication (Gen Ed Area I, W)

A writing course that focuses on writing about scientific and technical topics. Students will develop their skills in presenting technical content accurately and efficiently.

Credit Hours: 3 hrs

Prerequisite: ENGL 121

Last Updated: Links 04/2011

SET 377 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 1 hr

SET 378 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 2 hrs

SET 379 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 3 hrs

SET 477 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 1 hr

SET 478 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 2 hrs

SET 479 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied, but only twice for credit toward a major or minor in sociology.

Credit Hours: 3 hrs

SET 497 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 1 hr

Prerequisite: Department permission and consent of instructor

Last Updated: Links 03/2011

SET 498 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 2 hrs

Prerequisite: Department permission and consent of instructor

Last Updated: Links 03/2011

SET 499 - Independent Study

Intensive study of a problem or theory supervised by a faculty member in social foundations of education.

Credit Hours: 3 hrs

Prerequisite: Department permission and consent of instructor

Last Updated: Links 03/2011

School of Technology Studies Programs and Courses

School of Technology Studies

Major

Apparel, Textiles and Merchandising Major

The apparel, textiles and merchandising curriculum offers practical career oriented knowledge and skills as well as theoretical foundations of manufacturing and marketing fashion apparel and furnishing textiles. The program offers research opportunities for undergraduate students in textile science. A minor in art, communication, physical science, journalism, management, marketing or theatre is required

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 27 hours

- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs
- ATM 118 - Apparel Studio 3 hrs
- ATM 145 - Introduction to Apparel and Textile Merchandising 3 hrs
- ATM 212 - Textile Science I: Fibers & Yarns 3 hrs
- ATM 255 - Apparel Analysis 3 hrs
- ATM 312 - Textile Science II: Fabric Formation, Dyeing and Finishing 3 hrs
- ATM 345 - Merchandise Planning and Control 3 hrs
- ATM 355 - Application of Merchandising Practices 3 hrs
- ATM 487 - Field Experience 3 hrs

Elective Courses: 18 hours

Eighteen hours from the following:

- ATM 105 - Integrated Arts 3 hrs
- ATM 135 - Cultural Study of Dress 3 hrs
- ATM 200 - Aesthetics and Design for the Apparel Industry 3 hrs
- ATM 210 - Display Techniques 3 hr
- ATM 265 - Merchandising of Interior Furnishings 3 hrs
- ATM 271 - Woven Structures and Design 3 hrs

- ATM 302 - Fashion Manufacturing Techniques 3 hrs
- ATM 372 - Design and Production of a Fashion Show 3 hrs
- ATM 380 - Fashion of the Haute Couture 3 hrs
- ATM 390 - Visual Merchandising 3 hrs
- ATM 392 - Pattern Design 3 hrs
- ATM 404 - Textiles for Merchandising 3 hrs
- ATM 439 - Fashion Markets 3 hrs

General Electives: 18 hours

Minor Requirements:

This major requires a minor. Select a minor from the following:

- Art
- Communication
- Journalism
- Management
- Marketing
- Theatre Arts

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: [General Education](#)

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Aviation Flight Technology Major

This program is designed to prepare individuals for positions as entry-level professional pilots in the aviation industry. Based upon the needs of the aviation industry, the program encompasses a program of study that takes an individual from student pilot to certified flight instructor. It also includes a number of specialized courses that incorporate aviation business and management skills, safety, human factors, aerodynamics, aviation law and regulations, and crew resource management. The program includes a general education curriculum designed to provide a well-rounded knowledge foundation.

The aviation flight technology program has amendments to the basic aviation program designed to accommodate ROTC students planning on applying for military pilot training. The accommodations include the Eastern Michigan University U.S. Army ROTC

program and the Air Force or Naval ROTC programs located at the University of Michigan which may be attended by Eastern Michigan University students. Please contact the aviation flight technology program coordinator for further information.

Click here to watch a short video about this program.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Major Requirements: 78 hours

- PHY 100 or higher PHY course
- AVT 100 - Introduction to Air Transportation 3 hrs
- AVT 110 - Aircraft Maintenance I 3 hrs
- AVT 120 - Flight Operations I 3 hrs
- AVT 170 - Aviation Ground Instruction 3 hrs
- AVT 208 - Aviation Human Factors 3 hrs
- AVT 215 - Aviation Weather 3 hrs
- AVT 220 - Flight Operations II 3 hrs
- AVT 222 - Introduction to Automation in Aviation 3 hrs
- * AVT 255 - Private Pilot Certification 4 hrs
- AVT 263 - Aircraft Systems 3 hrs
- AVT 303 - Aviation Law and Insurance 3 hrs
- AVT 313 - Aviation Industry Regulations 3 hrs
- AVT 320 - Aviation Safety 3 hrs
- AVT 321 - Cockpit and Crew Resource Management 3 hrs
- AVT 322 - System Safety in Aviation 3 hrs
- AVT 341 - Instrument Ground Instruction 2 hrs
- AVT 342 - Commercial Ground Instruction 2 hrs
- * AVT 355 - Instrument Pilot Certification 4 hrs
- * AVT 361 - Commercial/Complex Flight Instruction 2 hrs
- * AVT 371 - Commercial Certification 2 hrs
- AVT 382 - Flight Instructor Ground Instruction 3 hrs
- AVT 419 - High Airspeed Aerodynamics/High Altitude Flight 3 hrs
- AVT 422 - Senior Seminar in Aviation Management 3 hrs
- * AVT 426 - Multi-Engine Flight Instruction 3 hrs
- * AVT 427 - Flight Instructor: Airplane 2 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs

Electives: 0-4 hours

- AVT 428 - Flight Instructor: Instrument 2 hrs
- AVT 429 - Flight Instructor: Multi-Engine 2 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** This course is a flight course involving flight activities conducted at the Eagle Flight Center.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and

the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Aviation Management Technology Major

The aviation management technology curriculum is designed to prepare individuals for entry-level management and supervisory positions in the field of aviation technology. The program has a foundation of aviation-related and basic business course work.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program .

Additional Requirements: 12 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- STS 150 - Understanding Technology 3 hrs
- STS 201 - Microcomputer Applications in Technology 3 hrs

Major Requirements: 42 hours

- AVT 100 - Introduction to Air Transportation 3 hrs
- AVT 110 - Aircraft Maintenance I 3 hrs
- AVT 120 - Flight Operations I 3 hrs
- AVT 170 - Aviation Ground Instruction 3 hrs
- AVT 208 - Aviation Human Factors 3 hrs
- AVT 220 - Flight Operations II 3 hrs
- AVT 303 - Aviation Law and Insurance 3 hrs
- AVT 313 - Aviation Industry Regulations 3 hrs
- AVT 315 - Airport Management 3 hrs
- AVT 320 - Aviation Safety 3 hrs
- AVT 322 - System Safety in Aviation 3 hrs
- AVT 387 - Co-operative Education in Aviation Technology 3 hrs
- AVT 422 - Senior Seminar in Aviation Management 3 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs

General Business Requirements: 30 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- DS 265 - Business Statistics I 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- IS 215 - End-User Computing 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 384 - Human Resource Management 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- OM 374 - Introduction to Operations Management 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Communication Technology Major

Communication Technology is a joint program offered by the School of Technology Studies and the Department of Communication, Media and Theatre Arts. This curriculum is designed to provide the background necessary for graduates to find employment as managers in communication-based industries. The program emphasis is on having the student acquire those business, manufacturing, media, computer and communication skills necessary for employment in today's communication technology industries and business organizations.

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 65 hours

Media Production: 9 hours

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs

One course from the following:

- CTAT 331 - Intermediate Radio Production and direction 3 hrs
- CTAT 332 - Intermediate Television Production and Direction 3 hrs

Transmission Systems: 9 hours

- CMT 305W - Communication Transmission Systems (Gen Ed Area I, W) 3 hrs
- CMT 408 - Telephone Technology 3 hrs
- ELEC 120 - Principles of Electrical Theory 3 hrs

Computer Technology: 12 hours

Choose one option from the following:

Option I: Computer Programming

- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- COSC 221 - Computer Organization I 3 hrs

- COSC 255 - Computer Hardware and Software Systems 3 hrs

Option II: Information Management

- IS 219 - File Processing and COBOL Programming 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 380 - Introduction to Databases 3 hrs

One course from the following:

- IS 417 - Systems Analysis and Design 3 hrs
- IS 442 - Information Resource Management 3 hrs

Option III: Graphic Applications

- CMT 205 - Digital Photo-Technology 3 hrs
- CMT 301 - Multimedia Authoring Techniques 3 hrs
- CMT 421 - Web Publishing Technology 3 hrs
- CMT 336 - Electronic Publishing Technology 3 hrs

Communication Theory and Practice: 6 hours

- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 354 - Organizational Communication 3 hrs

Business and Investment Skills: 6 hours

- MKTG 360 - Principles of Marketing 3 hrs
- PSY 205 - Quantitative Methods in Psychology 3 hrs

Management Skills: 6 hours

- ACC 130 - Accounting for Nonbusiness Majors 3 hrs
- MGMT 202 - Business Communication 3 hrs

Interdisciplinary Technology: 17 hours

- CMT 121 - Graphic Communication 3 hrs
- CMT 131 - Introduction to Computer Graphic Systems 3 hrs
- CMT 387 - Co-operative Education 3 hrs
- CMT 409 - Emerging Technologies in Storage and Retrieval 3 hrs
- CMT 425 - Communication Technology and Social Change 3 hrs
- CMT 470 - Senior Seminar in Communication Technology 2 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
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General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. **Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.**

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Hotel and Restaurant Management Major

Hotel and restaurant management is a comprehensive program that integrates principles of hotel and restaurant management with club and resort management. The hotel and restaurant management program provides experiential educational opportunities in a wide variety of hospitality organizations through co-op or internships (contact an advisor). A wide variety of minors are available to meet the diverse needs of our students in meeting their career objectives. The program offers a bachelor of science, graduate certificate and master of science degree.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 3 hours

- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs

Major Requirements: 56 hours

Specialization Courses: 44 hours

- HRM 103 - Introduction to the Hospitality Industry 3 hrs
- HRM 150 - Sanitation in the Hospitality Industry 2 hrs
- HRM 180 - Food Production 3 hrs

- HRM 251 - Meal Service Management 3 hrs
- HRM 268 - Hotel Operations Management 3 hrs
- HRM 289 - Cooperative Education in Hotel and Restaurant Management 3 hrs
- HRM 340 - Cost Controls in the Hospitality Industry 3 hrs
- HRM 376 - Legal Aspects of the Hospitality Industry 3 hrs
- HRM 389 - Cooperative Education in Hotel and Restaurant Management 3 hrs
- HRM 410 - Human Resource Issues in the Hospitality Industry 3 hrs
- HRM 430 - Seminar in Hospitality Management 3 hrs
- HRM 441 - Commercial Purchasing 3 hrs
- HRM 450 - Meetings and Events Management 3 hrs
- HRM 470 - Hospitality Industry Marketing 3 hrs
- HRM 496 - Strategies in Hospitality Management 3 hrs

Elective Courses: 12 hours

CORRECTION: HRM 485 can be used as an elective

Twelve hours from the following:

- HRM 177 - Special Topics 1 hr
- HRM 178 - Special Topics 2 hrs
- HRM 179 - Special Topics 3 hrs
- HRM 270 - People Skills for the Hospitality Industry 3 hrs
- HRM 277 - Special Topics 1 hr
- HRM 278 - Special Topics 2 hrs
- HRM 279 - Special Topics 3 hrs
- HRM 330 - Hotel and Restaurant Management 3 hrs
- HRM 350 - Lodging Facilities Management 3 hrs
- HRM 360 - Franchising and Contract Management 3 hrs
- HRM 377 - Special Topics 1 hr
- HRM 378 - Special Topics 2 hrs
- HRM 379 - Special Topics 3 hrs
- HRM 396 - Club and Resort Management 3 hrs
- HRM 420 - Quality Service Management 3 hrs
- HRM 460 - Advanced Foodservice Management 3 hrs
- HRM 465 - Advance Topics in Hospitality Management 3 hrs
- HRM 475 - International Hospitality Management 3 hrs
- HRM 480 - Gaming and Casino Management 3 hrs
- HRM 497 - Independent Study 1 hr
- HRM 498 - Independent Study 2 hrs
- HRM 499 - Independent Study 3 hrs

Course Rotation Schedule

Click [here](#) to access the Course Rotation Schedules page for the courses required for this program.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Industrial Distribution Major

The industrial distribution program emphasizes professional communication and is designed to provide graduates with the theoretical as well as practical applications today's industry is seeking. It develops graduates for career opportunities in industrial and technical sales, sales management, materials planning, quality assurance, purchasing, inventory control and branch/operations management. Students complete a set of required courses and either three concentrations, at least one of which must be technical, or a technical concentration and an academic minor in a related field which is chosen with adviser approval. The program is National Association of Industrial Technology accredited. Advising or additional information is available within the school.

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

[Click here](#) to watch a short video about this program.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
 School Contact: wade.tornquist@emich.edu
 Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. [Download the Gen Ed Checklist here.](#)

Major Requirements: 66-75 hours

Correction: The minimum credit hours for this major is 70 not 66.

Required Courses: 43 hours

- ID 140 - Introduction to Wholesale Distribution 3 hrs
- ID 240 - Profit Strategies in Distribution 3 hrs
- ID 340 - Relationships in Wholesaling 3 hrs
- ID 345 - Marketing in Wholesale Distribution 3 hrs
- ID 346 - Industrial Climate 3 hrs
- ID 387 - Co-operative Education 3 hrs

- ID 391 - Wholesale Account Development 3 hrs
- ID 440 - Inventory Strategies in Distribution 3 hrs
- ID 444 - Quality Planning in Distribution 3 hrs
- ID 448 - Best Practices in Wholesale Distribution 3 hrs
- IS 215 - End-User Computing 3 hrs
- IS 350 - Enterprise Resource Planning 3 hrs
- PDD 123 - Manufacturing Processes 4 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs

Concentrations: 27-36 hours

Students may select concentrations from the following:

General Concentrations:

- Communication (9 hrs)
- International Business (9 hrs)
- Management (12 hrs)
- Purchasing/Materials Management (12 hrs)
- Sales (12 hrs)
- Supply Chain Management (12 hrs)

Other concentrations with advisery approval.

Technical Concentrations:

- Apparel, Textiles and Merchandising (9 hrs)
- Electronics (9 hrs)
- Information Systems (9 hrs)
- Manufacturing (9 hrs)
- Pharmaceutical and Sales - Combined Concentration (24 hrs)

Other concentrations with advisery approval.

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Information Assurance Major

Individuals selecting the information assurance degree will have the flexibility to focus on a concentration of classes that will prepare them for employment after graduation or to take that next step to an advanced degree. There are four unique concentrations to this degree: IA management, applied IA, IA cryptography and network security/administration.

The unique interdisciplinary nature of information assurance requires a diverse educational approach. The purpose of this undergraduate interdisciplinary program is to:

1. Meet society's need for educated professionals in information assurance.
2. Provide graduates with the knowledge and skills required to protect the informational technology needs of society which includes all government branches and the private sector.
3. To propagate a new generation of research scientists in information assurance. As a National Security Agency (NSA) Center of Academic Excellence in Information Assurance Education, the program offers tremendous opportunities that are excellent preparation for an advanced degree in information assurance.

What is Information Assurance?

The term "information assurance" encompasses the scientific, technical and management disciplines required to ensure computer and network security, such as:

Systems/network administration and operation
 Systems security engineering
 Information assurance systems and product acquisition
 Cryptography
 Threat and vulnerability assessment (includes risk management)
 Web security
 Computer emergency response team operation
 Information assurance training, education and management
 Computer forensics
 Defensive information operations

NSA Center of Academic Excellence

Eastern Michigan University's Center of Academic Excellence is one the 106 federally designated Centers of Academic Excellence in Information Assurance Education in the nation. This valued designation provides students with a wealth of research, scholarship and educational opportunities. The National Centers of Academic Excellence in Information Assurance Education (CAEIAE) program is an outreach program designed and operated by the National Security Agency (NSA) and the Department of Homeland Security (DHS) in support of the President's National Strategy to Secure Cyberspace. The goal of the program is to reduce vulnerability in our national information infrastructure by promoting higher education in information assurance.

All incoming students will take a placement examination prior to enrolling in IA 300-level courses. This examination will be offered on-line and available for the student to take.

For more information, please visit the program website.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 93 hours

Foundation Courses: 42 hours

- COSC 146 - Applied Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- IA 103 - Information Security Overview 3 hrs
- IA 202L - Risk-Vulnerability Analysis (Gen Ed Area V LBC) 3 hrs
- IA 210 - Concepts of Network and Business Technology 3 hrs
- IA 212 - Open Systems Platform and Network Administration 3 hrs
- IA 213 - Privacy and Technology 3 hrs
- IA 215 - System Support and Troubleshooting 3 hrs
- IA 240 - Intelligence Analysis I 3 hrs
- IA 329 - Policy Development in Information Assurance 3 hrs
- LEGL 320 - Cyber Law and Compliance 3 hrs
- MATH 170 - Elementary Statistics (Gen Ed Area II) 3 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs

One course from the following: 3 hours

- CTAC 224 - Public Speaking 3 hrs
- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- CTAC 350 - Persuasion 3 hrs

Choose one concentration from the following:

Information Assurance Management: Concentration for Second Admission

Information assurance management will enable the student to focus on management of information systems. The practice of vulnerability, risk, countermeasures and ethics enable the IA manager to meet cyber security in the 21st century. The management of information in today's business, industry, government, education and other related fields is how persons in

positions of trust manage information systems and apply secure computing to their business enterprise. This concentration of study will enable that management oriented student to apply secure computing concepts in the protection of cyberspace.

Concentration Courses: 42 hours

- IA 343 - Intelligence Analysis II 3 hrs
- IA 344 - Administration of Computer Systems 3 hrs
- IA 400 - Malware Analysis and Reverse Engineering 3 hrs
- IA 415 - Introduction to Research in Information Assurance 3 hrs
- IA 422 - Networks: Planning and Design 3 hrs
- IA 425 - Cyber Crime Investigation I 3 hrs
- IA 427 - Digital Forensics I 3 hrs
- IA 430 - Network Forensics 3 hrs
- IA 445 - Ethical Hacking and Offensive Security 3 hrs
- IA 480 - SQL Database Security 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 403 - Managerial Communication: Theory and Application 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs

And one of the following:

- IA 387 - Cooperative Education 3 hrs
- IA 416 - Applied Research Project 3 hrs

Applied Information Assurance: Concentration for Second Admission

Applied information assurance management prepares the student with hands-on applications for analysis, prevention, deterrence and countermeasures of information security and integrity in the global arena. Students who select this concentration of study will find that hands-on application will enable them to embrace the concepts studied in lecture format and apply those concepts in a laboratory setting. This concentration also provides an opportunity to conduct directed research as a final project.

Concentration Courses: 42 hours

- COSC 374 - Applied Cryptography 3 hrs
- IA 343 - Intelligence Analysis II 3 hrs
- IA 344 - Administration of Computer Systems 3 hrs
- IA 400 - Malware Analysis and Reverse Engineering 3 hrs
- IA 412 - Linux Security Administration 3 hrs
- IA 415 - Introduction to Research in Information Assurance 3 hrs
- IA 425 - Cyber Crime Investigation I 3 hrs
- IA 427 - Digital Forensics I 3 hrs
- IA 428 - Digital Forensics II 3 hrs
- IA 430 - Network Forensics 3 hrs
- IA 445 - Ethical Hacking and Offensive Security 3 hrs
- IA 455 - Incident Response 3 hrs
- IA 480 - SQL Database Security 3 hrs

And one of the following:

- IA 387 - Cooperative Education 3 hrs
- IA 416 - Applied Research Project 3 hrs

Information Assurance Encryption: Concentration for Second Admission

The sustained and rapid advance of information technology in the 21st century dictates the adoption of a flexible and adaptable cryptographic strategy for protecting national security information. This strategy complements the existing policy for the use of the advanced encryption standard (AES) to protect national security systems and information as specified in The National Policy on the Use of the Advanced Encryption Standard (AES) to Protect National Security Systems and National Security Information (CNSSP-15)

Over the past 30 years, public key cryptography has become a mainstay for secure communications over the Internet and throughout many other forms of communication. It provides the foundation for both key management and digital signatures. In key management, public key cryptography is used to distribute secret keys used in other cryptographic algorithms (e.g., DES). For digital signatures, public key cryptography is used to authenticate the origin of data and protect the integrity of that data. For the past 20 years, Internet communications have been secured by the first generation of public key cryptographic algorithms developed in the mid-1970s. Notably, they form the basis for key management and authentication for IP encryption (IKE/IPSEC), Web traffic (SSL/TLS) and secure electronic mail.

Information assurance encryption will prepare the students for master's or doctoral work. The student may want to teach upon completion of the degree or enter into the area of information security research. This block also provides an opportunity to conduct directed research as a final project.

Concentration Courses: 42 hours

- COSC 314 - Computational Discrete Structures 3 hrs
- COSC 374 - Applied Cryptography 3 hrs
- IA 400 - Malware Analysis and Reverse Engineering 3 hrs
- IA 415 - Introduction to Research in Information Assurance 3 hrs
- IA 427 - Digital Forensics I 3 hrs
- IA 430 - Network Forensics 3 hrs
- IA 480 - SQL Database Security 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 205 - Mathematical Structures for Computer Science 4 hrs
- MATH 319 - Mathematical Modeling 3 hrs
- * MATH 409 - Cryptology 3 hrs

And one of the following:

- IA 387 - Cooperative Education 3 hrs
- IA 416 - Applied Research Project 3 hrs

Information Assurance Network Security/Administration: Concentration for Second Admission

The Network Security and Administration concentration prepares the student with hands-on applications for administration, design, and implementation of secure computer networks. Students will learn to administer network environments to be scalable, secure and available. Student work will center on best practice administration across Microsoft, Open Source and CISCO

products. Students will implement these products and build countermeasures for defending services that underpin the product solution. Students who select this concentration of study will find that hands-on application of classes will enable them to embrace the concepts studied in lecture format and apply those concepts in a laboratory setting. This concentration also provides an opportunity to conduct research as a final project.

Concentration Courses: 42 hours

- IA 344 - Administration of Computer Systems 3 hrs
- IA 350 - Network Connectivity 3 hrs
- IA 354 - Multi-Level Networking 3 hrs
- IA 364 - Advanced Windows Security 3 hrs
- IA 400 - Malware Analysis and Reverse Engineering 3 hrs
- IA 412 - Linux Security Administration 3 hrs
- IA 422 - Networks: Planning and Design 3 hrs
- IA 427 - Digital Forensics I 3 hrs
- IA 430 - Network Forensics 3 hrs
- IA 445 - Ethical Hacking and Offensive Security 3 hrs
- IA 455 - Incident Response 3 hrs
- IA 480 - SQL Database Security 3 hrs
- IA 495 - Networks: Implementation and Evaluation 3 hrs

And one of the following:

- IA 387 - Cooperative Education 3 hrs
- IA 416 - Applied Research Project 3 hrs

Electives: 9 hours

Student may select any course from other concentrations (above) as an elective. Suggested electives are:

- BMMT 396 - Information and Media Administration 3 hrs
- BMMT 496 - Records Administration Using Database 3 hrs
- CMT 305W - Communication Transmission Systems (Gen Ed Area I, W) 3 hrs
- COSC 105 - Everyday Computing and Social Responsibility 3 hrs
- IA 426 - Cyber Crime Investigation II 3 hrs
- IA 429 - Enterprise Digital Analysis 3 hrs
- IA 441 - Foreign and Domestic Terrorism and Information Warfare 3 hrs
- IA 442 - Cyber Intelligence 3 hrs
- MGMT 202 - Business Communication 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** Student must complete math sequence prior to taking Cryptology.*

Additional courses may be required as some of the "Concentrations" include courses with prerequisites that are not included in the program.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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- Earn a minimum of 30 credits from courses taken at EMU.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

K-12 Technology and Engineering Teacher Preparation Major

The technology and engineering teacher preparation major prepares teachers of technology education for grades K-12.

This major must be completed in conjunction with the technology education curriculum. Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in technology and design, certification code TX. The Michigan Test for Teacher Certification (MTTC) covering this field is #088, "Technology and Design."

Graduates may qualify for a vocational endorsement by completing BMMT 200 - Principles of Career and Technical Education and BMMT 363 - Curriculum for Career and Technical Education, and have two years of occupational experience in employment related to the area of study. Options for cooperative work experience are available to students as partial credit toward that occupational requirement.

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

School of Technology Studies Information:

Interim School Director: Wade Tornquist
 School Contact: wade.tornquist@emich.edu
 Website: <http://www.emich.edu/sts/>

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of “C” or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state “for elementary teachers,” and, if special education, PSY 101.
4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Major Requirements: 48-50 hours

- TEDU 110 - Teaching Impacts of Technology (3 hrs)
- TEDU 340 - Teaching Introduction to Engineering Design (3 hrs)

- CNST 201 - Construction Systems 3 hrs
- ELEC 200 - Circuit Analysis I 3 hrs
- ELEC 214 - Digital Circuit Analysis I 3 hrs
- MATH 105 - College Algebra (Gen Ed Area II) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- MFG 140 - Science, Technology and People 3 hrs
- PDD 111 - Materials 3 hrs
- PDD 123 - Manufacturing Processes 4 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- TEDU 250 - Foundations of Technology, Vocational, and Engineering Teacher Education 3 hrs
- TEDU 345 - Teaching Energy and Transportation in Technology and Engineering Teacher Education 3 hrs
- TEDU 350 - Curriculum in Technology, Vocational, and Engineering Teacher Education 3 hrs
- TEDU 450 - Capstone in Technology and Engineering Teacher Education 3 hrs

Technical Concentration: 2-4 hours

Choose 2-4 hours from the following:

- CMT 121 - Graphic Communication 3 hrs
- CMT 131 - Introduction to Computer Graphic Systems 3 hrs
- CMT 427 - Digital Imaging and Reproduction 3 hrs
- CMT 470 - Senior Seminar in Communication Technology 2 hrs
- CNST 125 - Introduction to Construction 2 hrs
- ELEC 314 - Digital Circuit Analysis II 3 hrs
- PDD 101 - Introduction to Industrial Drawing 3 hrs
- PDD 122 - Engineering Graphics 4 hrs
- PDD 325 - Applied Statics and Strength of Materials 4 hrs
- SAG 105 - Introduction to Simulation, Animation and Gaming 3 hrs
- SAG 175 - Graphics for Simulation I 3 hrs
- SAG 225 - Graphics for Simulation II 3 hrs
- SAG 235 - Flash I 3 hrs
- SAG 285 - Studio I Simulation 3 hrs
- TEDU 104 - Modeling, Automation, and Energy 3 hours
- TEDU 107 - Flight, Electronics, and Science of Technology 3 hrs

Professional Studies: 31 hours

Pre-Admission Phase: The Learner and the Community: 7 hours

Prerequisite: Sophomore standing or higher.

- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following courses require formal admission to the Initial Teacher Preparation Program:

Phase I: Curriculum, Assessment and the Social Context: 6 hours

Prerequisite: Completion of Pre-Admission Phase is required.

- EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

* These two courses must be taken together.

- * PRCT 311 - Practicum II: Secondary 3 hrs
- * RDNG 311 - Teaching Reading in the Secondary School 3 hrs
- TEDU 460 - Methods of Teaching Technology, Vocational, and Engineering Education 3 hrs

Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors. Students who have at least 4,000 hours of work experience (2 years) and/or 18 credits in an occupational area related to automotive, construction, drafting/CAD, Electricity, graphics, machining, or radio and TV broadcasting may want to consider the Vocational Technical Endorsement Minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement**. (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Paralegal Major

The paralegal major focuses on the skills necessary for the graduate to work under the supervision and direction of an attorney with the understanding that the practice of law by lay persons is strictly prohibited. Students get inside the law and develop skills including proficiency in legal research, writing and analysis, drafting legal instruments and pleadings, interviewing clients and witnesses, doing discovery, preparing for trial and using computer-assisted research tools. Employment opportunities are excellent in law firms, corporations, banks, human resource offices, hospitals, state and federal governments and court systems. This major offers professional training and lays a foundation for a career in the legal field. It also qualifies as a pre-law major. This program is approved by the American Bar Association.

For students who have earned a prior degree, the paralegal major can be pursued through a second bachelor's degree. The completion of 50 hours of study is required for the second bachelor's degree. These 50 hours must include the required courses and the business and information processing core. The remaining hours are to be selected from either restricted University elective courses or University elective courses.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

[Click here](#) to watch a short video about this program.

Secondary Admission and Retention Policy

Students who wish to be Paralegal (Legal Assistant) Studies Program majors must apply for admission to the program. Students may be admitted to the program in the fall or winter terms. Applications for a winter term will be due by Dec. 1 of the preceding fall term. Applications for a fall term will be due by April 1 of the preceding winter term.

Program Admission

Program admission criteria are:

1. Admission to the University as an undergraduate or second bachelor's degree candidate;
2. * Completion of ENGL 121 with a grade of B or higher;
3. Completion of LEGL 211 - Introduction to Paralegalism and Legal Terminology, with a grade of B- or higher;
4. Completion of LEGL 304W - Legal Writing, Research and Analysis I with a grade of C+ or higher; and
5. A cumulative GPA of at least 2.5 on a 4.0 scale.

Students satisfying these criteria are eligible to apply for admission to the program, but admission is not guaranteed.

Program Retention Policy

In addition to secondary admission requirements, program majors will be required to:

1. Complete each program core course (e.g., all courses having a LEGL prefix [except LEGL 211 and LEGL 304W — see above]), with a minimum grade of C;
2. ** Maintain a cumulative GPA of at least 2.5 on a 4.0 scale
3. ** Maintain a GPA within the major of at least 2.5 on a 4.0 scale

Notes:

** Students applying for admission to the program as second bachelor's degree candidates must present evidence of having completed an acceptable college-level English composition course with a grade of B or higher. A remedial English composition or writing course is not an acceptable college-level English composition course.*

*** A student whose cumulative GPA or cumulative major GPA falls below 2.5 will be placed on program probation for the next succeeding term. If the student fails to raise his or her cumulative GPA, cumulative major GPA or both to 2.5 or higher with the grades earned during the probationary term, the student will be dismissed from the program. For purposes of this policy, a student who is placed on program probation as the result of a deficient GPA at the close of a winter term will have until the close of the next fall term to raise his or her GPA to 2.5 or higher. If a student earns lower than a C in any program core course (except LEGL 211 and LEGL 304W — see above), the student will be allowed to repeat the course twice. If the student fails to earn a C or better in the repeated courses, the student will be dismissed from the program.*

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 6 hours

Option I:

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

Option II:

- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
- SOCL 202 - Social Problems 3 hrs

Major Requirements: 69-72 hours

Required Courses: 33-36 hours

- LEGL 211 - Introduction to Paralegalism and Legal Terminology 3 hrs
- LEGL 212 - Law Office Administration and Technology 3 hrs
- *** LEGL 304W - Legal Writing, Research and Analysis I (Gen Ed Area I, W) 3 hrs
- LEGL 305 - Advanced Legal Writing, Research and Analysis II 3 hrs
- LEGL 400 - Advanced Legal Writing, Research and Analysis III 3 hrs
- LEGL 311 - Probate, Estates and Wills 3 hrs
- LEGL 313 - Family Law 3 hrs
- LEGL 404 - Court Rules, Forms and Drafting Contracts 3 hrs
- LEGL 405 - Civil Litigation, Investigation and Procedure I 3 hrs

- LEGL 406 - Civil Litigation, Investigation and Procedure II 3 hrs
- ** LEGL 416 - Legal Assistant Internship 3-6 hrs

Restricted Elective Courses: 21 hours

21 hours from the following or any other law-related course with department permission:

- BMMT 220 - Word/Information Processing Operations 3 hrs
- BMMT 396 - Information and Media Administration 3 hrs
- BMMT 497 - Independent Study 1 hrs
- BMMT 498 - Independent Study 2 hrs
- BMMT 499 - Independent Study 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- LAW 393 - Law of Business Enterprises 3 hrs
- LAW 403 - Employment Law 3 hrs
- LEGL 278 - Special Topics 2 hrs
- LEGL 279 - Special Topics 3 hrs
- LEGL 315 - Land Transaction and Real Estate for Paralegals 3 hrs
- LEGL 379 - Special Topics 3 hrs
- LEGL 320 - Cyber Law and Compliance 3 hrs
- LEGL 414 - Legal Assistance Center Clinical Experience 3 hrs
- LEGL 415 - Bankruptcy Law 3 hrs
- LEGL 418 - Women and Law 3
- LEGL 478 - Special Topics 2 hrs
- LEGL 479 - Special Topics 3 hrs
- IA 210 - Concepts of Network and Business Technology 3 hrs
- PHIL 355W - Philosophy of Law (Gen Ed Area I, W) 3 hrs
- PLSC 301 - American Legal System 3 hrs
- PLSC 312 - Constitutional Law: Institutions and Process 3 hrs
- PLSC 313 - Constitutional Law: Civil Rights and Liberties 3 hrs
- PLSC 341 - International Law 3 hrs
- PLSC 385 - Judicial Process and Behavior 3 hrs
- PLSC 412W - Comparative Legal Systems (Gen Ed Area I, W) 3 hrs
- PLSC 456 - Criminal Law I 3 hrs
- STS 202 - Disabled in the U.S.A. - Rights, Prejudice, Claims and Responsibilities 3 hrs

Business and Information Processing Core: 15 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- BMMT 201 - Microcomputers for Business Applications 3 hrs
- BMMT 396 - Information and Media Administration 3 hrs
- BMMT 496 - Records Administration Using Database 3 hrs
- * STS 224 - Solving Quantitative Problems in Technology (Gen Ed Area II) 3 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Select one option from the following:

Note:

* This course meets the "Quantitative Reasoning" requirement.

** These courses meet the "Learning Beyond the Classroom" requirement.

*** LEGL 304W meets the writing intensive requirement.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S.

institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
- For Students who began their undergraduate program at EMU before Fall 2007 and who have elected to follow the Pre-2007 General Education Requirements, follow the "General Education Program Prior to Fall 2007 (pdf file)" link under the *Program Prior to Fall 2007* heading. ***Please note that students who wish to graduate under pre-2007 General Education requirements must graduate by August 2014; those who have not completed all degree requirements by that time will need to satisfy the current (Fall 2007) General Education requirements.***

Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Business, Management, Marketing and Technology Major (with Minor)

Successful completion of this course of study, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate endorsed in Business, Management, Marketing and Technology, certification code GQ. The Michigan Test for Teacher Certification (MTTC) covering this field is #098, "Business, Management, Marketing and Technology." In addition, upon meeting the requirements according to the current Michigan State Plan, it leads to a vocational endorsement. The program prepares prospective teachers in the areas of information processing and management, administrative services, accounting and computing, and basic business such as economics, consumer economics, business law, business management, computer literacy and introduction to business.

Important BMMT Information

1. There is a 36 credit hour requirement for BMMT and this major requires a teachable minor. The Vocational Minor is recommended, however any teachable minor may be approved.
2. Students are required to take ECON 201 as part of their general education degree requirements. See the Additional Requirements core listed below.
3. A vocational endorsement in either Business (VB) or Marketing (VM) requires work experience which meets state requirements. Hours must be recent, relevant and of appropriate duration. With approved work experience, a person may receive vocational endorsements in both areas.
4. Students must earn a C or better in all of the following courses: writing, speech, math, lab science, and all professional education courses. A C- (or lower) is not acceptable and needs to be addressed immediately.
5. Post-Baccalaureate students that take ACC 501 for the business core will need to choose an alternative elective in the College of Business.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

Adviser Information:

Program Adviser: Ron Fulkert
Email: ron.fulkert@emich.edu
Phone: 734.487.1161

Initial Teacher Preparation Program Admission

In order to pursue the sequence of courses necessary to complete eligibility for recommendation for certification, one must apply for and be admitted to the teacher preparation program. Admission requirements are common for all teacher preparation programs, except that certain special education programs have additional requirements.

Each undergraduate student is responsible for applying to the teacher preparation program immediately after the semester in which the student has earned 56 credit hours. Transfer students with more than 56 credit hours should apply immediately after the semester in which they have earned 12 hours at EMU, including at least one course in their major. Students with 56 hours of transfer course work with a decision GPA of 3.0 may apply for admission to the teacher preparation program without 12 earned hours at EMU.

Admission to the teacher preparation program is not automatic. Only those persons who have formally applied are considered for admission. Not all persons who apply become eligible for admission.

Applications for the Initial Teacher Preparation Program at EMU **are available within your my.emich account under the "Student" tab**. Submit your completed application to the Office of Academic Services once you have earned 56 credit hours.

Teaching majors and minors are unofficial until program admission. Students pursuing teacher certification should follow the catalog that exists at the time of program admission. It is important that students apply to the teacher preparation program as soon as they have earned 56 credit hours.

Criteria

1. Completion of 56 credit hours
2. Appropriate cumulative GPA. One of:
 1. An overall EMU GPA of 2.5 or higher. At least 12 of the 56 credit hours taken at EMU with an EMU GPA of 2.5 or higher in your major (each of your majors if declaring a double major). You must complete at least one course in your major(s) in order to be eligible.
 2. Transferred 56 credits with a cumulative 3.0 GPA from all previous institutions.
3. A grade of "C" or higher (if taken) in the following courses:
 1. Secondary: ENGL 121 , CTAC 124, quantitative reasoning, one lab science, all professional education courses, and, if special education, PSY 101.
 2. Elementary: ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, CHEM 101, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Passing scores on all three sections of the Michigan Test for Teacher Certification Basic Skills Test (MTTC) (reading, mathematics, and writing). Official score report must be on file at Eastern Michigan University.
5. Personal statement about your experiences with youth/children and why you are going into teaching. This statement will be read for content, grammar, and punctuation.
6. Completion of a Disposition Self Evaluation Form.
7. ICHAT criminal background check and Statement of Civil/Criminal Convictions. If you answered yes to any of the civil/criminal conviction questions on the application, you will need to provide:
 1. A copy of the Judgment of Sentence, or Registrar of Actions, or Certification of Conviction.
 2. A written explanation of the offense(s). Application of students with civil/criminal convictions will be carefully reviewed and may take longer to process.
8. Meet academic, social, moral, and financial obligations as a member of the EMU community.

General Education Requirements:

For specific requirements refer to the General Education Program .

Vocational Endorsement Requirements

A combination of work experience may be used for both Vocational Business (VB) and Vocational Marketing (VM); however, hours can only be used once. All hours must be verified by the BMMT Program Coordinator (or coordinator's selected assignee) using designated documents (i.e. personal records, tax documents, Social Security records, etc.).

Required Work Experience:

Work (within last 6 years)

- Option I: 4,000 hours total (2 years) (evidence required)
- Option II: 2,000 hours total + one semester EMU co-op course work
- Option III: 3,000 hours total + MOCAC Test (qualifies for 1,000)

Required Courses: 6 hours

- * BMMT 200 - Principles of Career and Technical Education 3 hrs
- * BMMT 363 - Curriculum for Career and Technical Education 3 hrs

Additional Requirements: 8 hours

- BMMT 123 - Word Processing/Keyboarding Applications 2 hrs
- BMMT 201 - Microcomputers for Business Applications 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs

Major Requirements: 36 hours

Business Core: 9 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- BMMT 100 - Contemporary Business 3 hrs

Undergraduates choose one course from the following:

- ACC 241 - Principles of Managerial Accounting 3 hrs
- ACC 296 - The Accounting Cycle and Profession 3 hrs

Post-Baccalaureates choose one course from the following:

- ACC 241 - Principles of Managerial Accounting 3 hrs
- ACC 501 - Accounting Principles 3 hrs

Management Core: 9 hours

One course from the following:

- LAW 293 - Legal Environment of Business 3 hrs
- LAW 503 - Legal Environment of Business 3 hrs

One course from the following:

- BMMT 250 - Personal Finance 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- FIN 502 - Financial Principles 3 hrs

One course from the following:

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- TM 212 - The Management of Technological Change 3 hrs

Marketing Core: 9 hours

One course from the following:

- MKTG 360 - Principles of Marketing 3 hrs
- MKTG 510 - Marketing Management 3 hrs

Choose two courses from the following:

- Any other pre-approved Marketing course not listed below (3 hrs)
- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (Gen Ed Area I, W) 3 hrs
- MKTG 369 - Advertising 3 hrs
- MKTG 374 - Business to Business Marketing 3 hrs
- MKTG 461 - Sales Management 3 hrs

Information Technology Core: 9 hours

- Any other pre-approved Information or Communication Technology course not listed below (3 hrs)
- BMMT 321 - Digital Tools: Communication 3 hrs
- BMMT 496 - Records Administration Using Database 3 hrs
- CMT 421 - Web Publishing Technology 3 hrs

Professional Secondary Education Sequence

Secondary Education Pre-Admission Phase: The Learner and the Community: 10 hours

Prerequisite: Sophomore standing or higher.

- * BMMT 200 - Principles of Career and Technical Education 3 hrs
- EDPS 322 - Human Development and Learning 4 hrs
- SPGN 251 - Education of Students with Exceptionalities 3 hrs

The following phases require formal admission to the Initial Teacher Preparation Program:

Secondary Education Phase I: Curriculum, Assessment and the Social Context: 11 hours

Prerequisite: Completion of Pre-Admission Phase is required.

- * BMMT 363 - Curriculum for Career and Technical Education 3 hrs
- BMMT 366 - Methods of Teaching Marketing Education 2 hrs
- EDPS 340 - Introduction to Assessment and Evaluation 3 hrs
- SOFD 328W - Schools for a Diverse and Democratic Society (Gen Ed Area I, W) 3 hrs

Secondary Education Phase II: Content and Methods and Teaching: 9 hours

Prerequisite: Completion of Phase I is required.

** These two courses must be taken together.

- ** PRCT 311 - Practicum II: Secondary 3 hrs
- ** RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Methods Course by Major:

Business, Management, Marketing and Technology Majors take:

- BMMT 360 - Methods of Teaching General Business and Office Education 3 hrs

Secondary Education Phase III: Capstone Experience: 9 hours

Prerequisite: Completion of Phase II and 100 pre-student teaching hours is required.

- EDUC 492 - Student Teaching 9 hrs
This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Minor Requirements:

This program requires a minor. Please contact your program adviser for a list of possible minors (the Vocational Minor is recommended).

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

** These courses need only be taken once to count for Vocational Endorsement and Professional Education cores.*

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

- For Students who began their undergraduate program at EMU in Fall 2007 or later or who have elected to follow the current ("new") General Education Program, follow the "For Students" link under the *Current Program* heading.
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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Simulation, Animation and Gaming Major

[Click here to watch a short video about this program.](#)

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Required Courses: 54 hours

- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- CMT 131 - Introduction to Computer Graphic Systems 3 hrs
- CMT 205 - Digital Photo-Technology 3 hrs
- COSC 111 - Introduction to Programming 3 hrs
- COSC 211 - Programming Data Structures 3 hrs
- COSC 215 - Scientific Simulation 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 486 - Organizational Change and Team Building 3 hrs
- SAG 105 - Introduction to Simulation, Animation and Gaming 3 hrs
- SAG 175 - Graphics for Simulation I 3 hrs
- SAG 225 - Graphics for Simulation II 3 hrs
- SAG 235 - Flash I 3 hrs
- SAG 245 - Story Development 3 hrs
- SAG 285 - Studio I Simulation 3 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W) 3 hrs

Select from either Cognate A or Cognate B:

Cognate A: 18 hours

This cognate allows students to continue in the graphic and design aspect of simulation, animation and gaming.

Required Courses: 15 hours

- SAG 275 - Texturing and Mapping 3 hrs
- SAG 305 - Environment Design 3 hrs
- SAG 355 - Lighting and Camera Techniques 3 hrs
- SAG 375 - Studio II 3 hrs
- SAG 470 - Simulation and Animation Dynamics 3 hrs

Capstone Experience: 3 hours

- COSC 485 - Senior Projects in SAG 3 hrs
or
- SAG 485 - Senior Projects in SAG 3 hrs

Cognate B: 23 hours

This cognate allows the students to pursue their final two years in the Computer Science Department, learning the programming languages needed to succeed in the SAG profession. The courses in this cognate utilize existing courses within the department.

- COSC 221 - Computer Organization I 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs
- COSC 456 - Computer Graphics 3 hrs
- COSC 457 - Computer Game Programming 3 hrs
- COSC 461 - Heuristic Programming 3 hrs
- COSC 481W - Software Engineering and Senior Project (Gen Ed Area I, W) 3 hrs
- COSC 486 - Cooperative Education in Computer Science 1 hrs
- MATH 205 - Mathematical Structures for Computer Science 4 hrs

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
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- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Technology Management Major

The technology management program is designed for transfer students with an associate of applied science degree. The interdisciplinary curriculum provides the necessary foundation to meet the changing needs of management in a variety of fields; ranging from business and health to criminal justice, environmental sciences, automotive technology and computer service technology.

An active articulation agreement exists between this program and several community colleges. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

More information about this major can be found at the program website.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
 School Contact: wade.tornquist@emich.edu
 Website: <http://www.emich.edu/sts/>

General Education Requirements:

For specific requirements refer to the General Education Program. Download the Gen Ed Checklist [here](#).

Additional Requirements: 9-12 hours

- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs

One course from the following:

- MATH 118 - Linear Models and Probability (Gen Ed Area II) 3 hrs
- STS 224 - Solving Quantitative Problems in Technology (Gen Ed Area II) 3 hrs

Must take this course or a proficiency exam:

- STS 201 - Microcomputer Applications in Technology 3 hrs

Major Requirements: 60-79 hours

Core Courses: 18 hours

- TM 130 - Introduction to Technology Management 3 hrs
- TM 212 - The Management of Technological Change 3 hrs
- TM 311 - Information Technology Management and Organizations 3 hrs
- TM 314W - A Socio-Technical Systems Approach to Process Improvement (Gen Ed Area I, W) 3 hrs
- TM 402 - Technology Project Management 3 hrs
- TM 415 - Senior Seminar in Technology Management 3 hrs

Technology Management Elective Courses: 12-15 hours

Choose four of the following. At least one must be a 300- or 400-level course.

- ACC 130 - Accounting for Nonbusiness Majors 3 hrs
- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- ACC 358 - Analysis of Financial Statements 3 hrs
- FIN 350 - Principles of Finance 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- LAW 403 - Employment Law 3 hrs
- MGMT 384 - Human Resource Management 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

- MKTG 369 - Advertising 3 hrs
- MKTG 473 - Marketing and Product Innovation 3 hrs
- TM 306 - Quantitative Analysis of Sustainability Issues (Gen Ed Area II) 3 hrs
- TM 308 - Seminar in Technological Impacts 3 hrs
- TM 377 - Special Topics 1 hr
- TM 378 - Special Topics 2 hrs
- TM 379 - Special Topics 3 hrs
- TM 387 - Cooperative Education 3 hrs
- TM 477 - Special Topics 1 hr
- TM 478 - Special Topics 2 hrs
- TM 479 - Special Topics 3 hrs

Technical Concentration 30-46 hours

The following technical specializations from two-year institutions may be transferable into this concentration. These technical specializations will include, but are not limited to, the following areas:

Automotive service technology
 Biomedical engineering technology
 Computer service technology
 Correctional science
 Criminology
 Emergency medical technician
 Environmental technology
 Fire technology
 Fluid power technology
 Graphic design technology
 Health information technology
 Laser-electro optics
 Photographic technology
 Public Safety technology
 Refrigeration and air conditioning technology
 Telecommunication technology

Minor Requirements:

This program does not require a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your adviser for course options.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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General Education Requirements:

EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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University Information: Consult the online catalog at catalog.emich.edu.

Minor

Administrative Management Minor

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

Required Courses: 12 hours

- BMMT 310 - Word/Information Processing Administration 3 hrs
- BMMT 387 - Co-operative Education 3 hrs
- BMMT 395 - Administering Workplace Systems and Technology 3 hrs
- BMMT 396 - Information and Media Administration 3 hrs

Restricted Elective Courses: 9 hours

Nine hours from the following:

- BMMT 220 - Word/Information Processing Operations 3 hrs
- BMMT 496 - Records Administration Using Database 3 hrs
- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 310 - Administration of Health Care Organizations 3 hrs
- HLAD 425 - Decision Making for Health Administrators 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- LEGL 211 - Introduction to Paralegalism and Legal Terminology 3 hrs
- LEGL 212 - Law Office Administration and Technology 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 480W - Management Responsibility and Ethics (Gen Ed Area I, W) 3 hrs
- IA 210 - Concepts of Network and Business Technology 3 hrs
- STS 202 - Disabled in the U.S.A. - Rights, Prejudice, Claims and Responsibilities 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
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 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Apparel, Textiles and Merchandising Minor

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

Required Courses: 9 hours

- ATM 118 - Apparel Studio 3 hrs
- ATM 145 - Introduction to Apparel and Textile Merchandising 3 hrs
- ATM 255 - Apparel Analysis 3 hrs

Restricted Elective Courses: 12 hours

One course from each of the following areas:

I. Construction skills:

- ATM 302 - Fashion Manufacturing Techniques 3 hrs
- ATM 392 - Pattern Design 3 hrs
- ATM 460 - Tailoring 3 hrs

II. Methodology:

- ATM 390 - Visual Merchandising 3 hrs

III. Social-psychological-historical:

- ATM 135 - Cultural Study of Dress 3 hrs
- ATM 380 - Fashion of the Haute Couture 3 hrs

IV. Textiles application:

- ATM 119 - Early American Textiles 3 hrs
- ATM 265 - Merchandising of Interior Furnishings 3 hrs
- ATM 404 - Textiles for Merchandising 3 hrs

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the *100-level and above*. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
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- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 *unique* credit hours in their major and 20 *unique* credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
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General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Graphic Communication Minor

This minor is designed to provide technical communication skills to majors in fields such as graphic design and journalism. The electives in the minor are diverse and extensive enough to allow for individual flexibility.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

Required Courses: 12 hours

- CMT 104 - Introduction to Communication Technology 3 hrs
- CMT 121 - Graphic Communication 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CMT 427 - Digital Imaging and Reproduction 3 hrs

Elective Courses: 11-12 hours

Electives selected with an adviser to equal 11-12 credit hours from the areas of:

Communication Technology
Art
Telecommunication and Film
Written Communication
Journalism/ Public Relations
Interior Design
BMMT
CAD/CAM
ELEC
Advertising
Marketing/Management

Minor Requirements: 23-24 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

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EMU's General Education Program requires students to choose from a menu of approved courses in several different areas do not assume that other courses in the same department or with similar names will fulfill these requirements. A detailed description of General Education requirements is available on the General Education section of the catalog: General Education

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Students who transferred to EMU may have modified general education requirements based on MACRAO or articulation agreements; consult your academic adviser for additional information.

University Information: Consult the online catalog at catalog.emich.edu.

Hotel and Restaurant Management Minor

School of Technology Studies Information:

Interim School Director: Wade Tornquist
School Contact: wade.tornquist@emich.edu
Website: <http://www.emich.edu/sts/>

Required Courses: 15 hours

- HRM 103 - Introduction to the Hospitality Industry 3 hrs
- HRM 150 - Sanitation in the Hospitality Industry 2 hrs
- HRM 180 - Food Production 3 hrs
- HRM 268 - Hotel Operations Management 3 hrs
- HRM 287 - Cooperative Education in Hotel and Restaurant Management 1 hr
- HRM 340 - Cost Controls in the Hospitality Industry 3 hrs

Electives: 6 hours

Electives chosen from within the HRM specialization courses.

Program Total: 21 hours

Course Rotation Schedule

[Click here to access the Course Rotation Schedules page for the courses required for this program.](#)

Critical Graduation Information:

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.

- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 **unique** credit hours in their major and 20 **unique** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Not more than 60 credit hours in one subject area (prefix) may be applied towards the minimum of 124 credit hours required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more than one major or minor.
 - Earn a minimum of 6 credits in 300-level or higher courses at EMU in each minor
 - Earn a minimum of 9 credits in 300-level or higher courses at EMU in each major that requires a minor.
 - Earn a minimum of 15 credits in 300-level or higher courses at EMU in each major that does not require a minor
- Transfer credit will be awarded for courses taken at colleges and universities that are accredited by one of the recognized regional accrediting bodies only if the courses are college-level (equated to 100-level or above at EMU) and the student earned a "C" (or 2.0 on a 4 point scale) or better. Transfer credit may be awarded on a case-by-case basis for college-level courses in which a "C" (2.0) or better was earned at institutions outside the U.S. or at non-accredited U.S. institutions; the internal review of such courses is coordinated by the Office of Admissions, and additional documentation may be required.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be earned in courses taken at EMU in each major and minor. (Note: some programs may require a higher GPA - check with your program advisor.)

General Education Requirements:

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University Information: Consult the online catalog at catalog.emich.edu.

Secondary Education Vocational Technical Endorsement Minor

Successful completion of this program, in the context of other program requirements, qualifies the student for recommendation for the Michigan Department of Education Secondary Provisional Certificate, endorsed in Vocational Technical, certification code VT. The student also qualifies for the Interim Occupational Certificate.

School of Technology Studies Information:

Interim School Director: Wade Tornquist
 School Contact: wade.tornquist@emich.edu
 Website: <http://www.emich.edu/sts/>

Adviser Information:

Program Adviser: Ron Fulkert
 Email: ron.fulkert@emich.edu
 Phone: 734.487.4330

Required Work Experience:

Work (within last 5 years)

- Option I: 4,000 hours total (2 years)
- Option II: 2,000 hours total + one semester EMU co-op course work, + MOCAC/NOCTI test

Required Courses: 6 hours

- BMMT 200 - Principles of Career and Technical Education 3 hrs
- BMMT 363 - Curriculum for Career and Technical Education 3 hrs

Select a concentration from the following: 18 hours

Whenever possible, courses should be taken at EMU. Credits to satisfy this requirement may be taken at another institution. Students must meet with adviser to ensure coursework satisfies concentration area.

- 47.0604 - Automotive Technician Concentration
- 47.0603 - Collision Repair Technician Concentration
- 46.0000 - Construction Trades Concentration
- 15.1301 - Drafting & Design Concentration
- 47.0101 - Electrical/Electronics Concentration
- 15.0000 - Engineering and Technology Concentration
- 10.0301 - Graphics/Visual Communications Concentration
- 48.0501 - Machine Tool Operation Concentration
- 47.0613 - Medium/Heavy Truck Technician Concentration
- 10.0202 - Radio & TV Broadcasting Concentration
- 48.0508 - Welding, Braising, and Soldering Concentration

Minor Total: 24 hours

MTTC Subject Area Test

Starting January 1, 2013, Students seeking licensure in a secondary or K-12 area are not required to take the MTTC subject area test in their minor area. Students who elect not to take the test in their minor will be required to sign a statement indicating that they understand that they will not be endorsed in their minor area and will not be eligible for teaching positions in their minor unless they pass the minor subject area test within five years of completing field experience and course requirements.

Critical Graduation Information:

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- Earn a minimum total of 124 credits at the **100-level and above**. **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
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University Information: Consult the online catalog at catalog.emich.edu.

Apparel Textiles Merchandising

ATM 105 - Integrated Arts

The application of design elements and principles to human and contemporary environmental needs.

Credit Hours: 3 hrs

Lecture/Lab Hours: Laboratory required

ATM 118 - Apparel Studio

Apparel construction using a commercial pattern. Emphasis is placed on fabric selection, fit and techniques.

Credit Hours: 3 hrs

ATM 119 - Early American Textiles

Survey of textiles used in early history of North America; laboratory experience allow students to develop skills in spinning wool and flax, traditional weaving and natural dyeing.

Credit Hours: 3 hrs

ATM 135 - Cultural Study of Dress

A study of the social, psychological and physical aspects of dress as related to culture, society and the individual.

Credit Hours: 3 hrs

ATM 145 - Introduction to Apparel and Textile Merchandising

Analysis of the apparel and textiles industry from the designing to distribution through major domestic and foreign markets. Emphasis is placed on fashion trends and cycles, history of merchandising and careers.

Credit Hours: 3 hrs

ATM 177 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

ATM 178 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

ATM 179 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

ATM 200 - Aesthetics and Design for the Apparel Industry

This course will explore current and historical trends in design and aesthetics within and related to the apparel and merchandising industry. Concept development in visual design is the primary focus. Students will work individually and in teams to develop concepts and presentations in multiple media.

Credit Hours: 3 hrs

ATM 210 - Display Techniques

Study and evaluation of visual presentations for store interiors and window displays for fashion retailing, educational and trade exhibits. Basic principles of design, as applied to merchandise displays are examined. Provides a hands-on opportunity to create window display designs with other students in campus buildings and the local community.

Credit Hours: 3 hr

Prerequisite: ATM 105

Last Updated: 2/28/2011

ATM 212 - Textile Science I: Fibers & Yarns

This course is an intensive study of natural and man-made fibers and yarns. Both fiber production methods and properties are discussed. Yarn classifications, construction and production are also taught. Both swatch book exercise and laboratory practice are utilized for hands on training. All fibers and yarns used in apparel, furnishing and technical textiles are covered.

Credit Hours: 3 hrs

ATM 255 - Apparel Analysis

A study of the components of apparel at the various price and quality levels. Emphasis placed on standard terminology necessary to describe/evaluate apparel.

Credit Hours: 3 hrs

Lecture/Lab Hours: Laboratory required

Prerequisite: ATM 118

Last Updated: Prerequisite Change 11/2011, effective Winter 2012; Links 02/2011

ATM 265 - Merchandising of Interior Furnishings

Study of fashion marketing practices, buying techniques, and promotional activities as they relate to home furnishings industries

Credit Hours: 3 hrs

Notes: Field trips required

ATM 271 - Woven Structures and Design

Practical applications in current technologies in woven fabric design and construction, including the history of technological developments in the design and development of woven structures.

Credit Hours: 3 hrs

ATM 277 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

ATM 278 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

ATM 279 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

ATM 302 - Fashion Manufacturing Techniques

Experiences and analysis of apparel and textile product production. Includes selection of commercial equipment and textiles.

Credit Hours: 3 hrs

Prerequisite: ATM 118

Last Updated: 2/28/2011

ATM 312 - Textile Science II: Fabric Formation, Dyeing and Finishing

This course deals with the formation of fabric by different technologies including weaving, knitting, braiding and nonwoven. Color science and textile dyeing are also taught.

Credit Hours: 3 hrs

Concurrent Prerequisite: ATM 145 and ATM 212

Class Restrictions: Sophomore standing or above

Last Updated: 2/28/2011

ATM 345 - Merchandise Planning and Control

Applications of merchandising mathematical concepts to buying functions and activities. Major focus on problem solving.

Credit Hours: 3 hrs

Prerequisite: ATM 145

Notes: Field trips required

Last Updated: 2/28/2011

ATM 355 - Application of Merchandising Practices

Adaptation of apparel and textile merchandising concepts (ATM345) to computer systems. Development of processing tasks using specific merchandising information, utilizing the computer for simulation problem solving.

Credit Hours: 3 hrs

Prerequisite: COSC 101 or IHHS224

Last Updated: 2/28/2011

ATM 371 - Textiles for Interior Design

Textiles for Interior Design is a study of textile fibers, yarns and fabrics that are used in interior furnishing. Selection of textile for interior based on durability, aesthetics, safety and environmental issues are discussed. The course includes lab sections on fiber identification and fabric analysis for properties and design.

Credit Hours: 3 hrs

Class Restrictions: Junior and Senior students only

ATM 372 - Design and Production of a Fashion Show

Students work as a team to design, develop and produce a fashion show. Emphasis is on project development, including budget, scheduling, communication, management, leadership and synthesis of program area skills.

Credit Hours: 3 hrs

Prerequisite: ATM 145

Notes: Students may repeat this course.

Last Updated: 2/28/2011

ATM 377 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

ATM 378 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

ATM 379 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

ATM 380 - Fashion of the Haute Couture

A detailed study of 20th-century American and European fashion and its relationship to identifiable costumes of the past with emphasis on haute couture

Credit Hours: 3 hrs

Notes: Field trip required

ATM 390 - Visual Merchandising

Analysis of visual media and techniques used in presentation of merchandise in a variety of settings. Laboratory participation integrates theory and practice.

Credit Hours: 3 hrs

Prerequisite: ATM 105

Last Updated: 2/28/2011

ATM 392 - Pattern Design

Principles of pattern making, and special problems in clothing construction and design.

Credit Hours: 3 hrs

Prerequisite: ATM 118 or equivalent

Last Updated: 2/28/2011

ATM 404 - Textiles for Merchandising

Recent technological developments in textiles; textile testing techniques.

Credit Hours: 3 hrs

Prerequisite: ATM 118 and one laboratory science course

Last Updated: Prerequisite Change 11/2011, effective Winter 2012; Links 02/2011

ATM 437 - Professional Seminar

Exploration of professional aspects of merchandising. Emphasis on career preparation. Presentation of fashion related enterprises. Lectures by specialists.

Credit Hours: 3 hrs

Concurrent Prerequisite: ATM 355 can be taken concurrently

Class Restrictions: Senior standing

Notes: Field trips required

Last Updated: 2/28/2011

ATM 439 - Fashion Markets

Comprehensive overview of the world fashion markets with emphasis on their development, operation and contribution; includes a trip to one fashion-related market.

Credit Hours: 3 hrs

Prerequisite: department permission

ATM 460 - Tailoring

Fundamental construction processes and special techniques applied to the construction of tailored garments; alterations and adaptations.

Credit Hours: 3 hrs

Prerequisite: ATM 118 or equivalent

Last Updated: 2/28/2011

ATM 477 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hrs

Prerequisite: department permission

ATM 478 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

ATM 479 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

ATM 487 - Field Experience

Supervised field experiences working with family social agencies and/or businesses in the area of specialization emphasizing professional competencies and self-evaluation. Sections of course offered for specialization areas as needed. International students need a work permit before registration.

Credit Hours: 3 hrs

Prerequisite: department permission

Class Restrictions: Senior standing

ATM 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hrs

Prerequisite: department permission

ATM 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

ATM 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Aviation Technology

AVT 100 - Introduction to Air Transportation

This course is designed to provide a basic understanding of the operational categories within civil aviation and the functions of state and federal government in its control and regulation. The history, scope, and diverse nature of aviation will be discussed, together with some of the many occupational opportunities available.

Credit Hours: 3 hrs

AVT 110 - Aircraft Maintenance I

The functions and roles of maintenance procedures in an aviation maintenance organization structure.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

AVT 120 - Flight Operations I

The role of aviation in general aviation and the interface with regulatory agencies and parent organizations.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: three hours per week.

AVT 170 - Aviation Ground Instruction

Basic ground instruction in aerodynamics, navigation, federal aviation regulations, meteorology, and flight procedures directed toward preparation for the private pilot written examination.

Credit Hours: 3 hrs

AVT 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AVT 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AVT 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 208 - Aviation Human Factors

A course designed to provide the student with an introduction to human factors as applied in aviation. Topics include human error, fatigue, visual illusions, attitudes, training, displays and controls, biological factors, psychological factors and social factors.

Credit Hours: 3 hrs

AVT 215 - Aviation Weather

This course provides the student with an introduction to the properties and processes that create weather and addresses aviation specific weather topics to prepare the student for Federal Aviation Administration examinations. Topics include types of weather that adversely affect flight operation and aviation weather services.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology and Aviation Management majors/minors only

AVT 220 - Flight Operations II

In-depth study of the functions and organization of operations and the relationship with the other departments within an aviation organization.

Credit Hours: 3 hrs

Prerequisite: AVT 120

Last Updated: 2/28/2011

AVT 222 - Introduction to Automation in Aviation

This course examines the world of aircraft automation including a review of its history, capabilities of automated aircraft cockpit systems, aspects of automated aircraft design, the human role in automated flight, crew coordination errors and an examination of the automated systems used in Eastern Michigan University flight training.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 250 - Aircraft Transition

This course provides a means for incoming students with past flight experience of FAA ratings to transition into the advanced cockpit aircraft used in the Eastern Michigan University Flight Technology Program. The transition consists of oral examination and flight instruction as needed followed by a flight transition demonstration.

Credit Hours: 1 hr

Major Restrictions: Students in Aviation Flight Technology only

AVT 255 - Private Pilot Certification

The student will receive dual instruction in flight operations to achieve solo flights in accordance with Federal Aviation Administration requirements. The student will then receive dual instruction and conduct solo practice in extended cross-country flight, flight maneuvers, and be prepared to take the oral and flight examination for the Private Pilot Certificate.

Credit Hours: 4 hrs

Prerequisite: Student Pilot Certificate: FAA Class I Medical

Major Restrictions: Aviation Flight Technology and Aviation Management Technology Majors only

AVT 263 - Aircraft Systems

This course is designed to provide an understanding of aircraft systems. The course will focus on electrical, hydraulic, pneumatic, power plant, fuel, oil, lubrication, cooling and aerodynamic control systems. The course will prepare the student pilot to succeed in future employer-required aircraft system classes.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology and Aviation Management Technology Majors only

AVT 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AVT 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AVT 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 285 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: department permission

AVT 286 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: department permission

AVT 287 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 303 - Aviation Law and Insurance

Overview of legal considerations in general aviation, government agencies exercising control, regulations, laws, advisory information and insurance requirements and considerations.

Credit Hours: 3 hrs

AVT 313 - Aviation Industry Regulations

The major significance of aviation regulations and policies including the development and enforcement of federal aviation regulations will be presented. The major elements of managing an aviation operation within the guidelines of international and federal aviation industry regulations together with the influence of local and state requirements will be presented.

Credit Hours: 3 hrs

AVT 315 - Airport Management

The major elements in the process of planning and managing airports are presented including federal airport policy, the airport master-planning process, capacity analysis, site selection and funding. The historical development of and current practices in airport administration, operations management, maintenance and safety will be presented.

Credit Hours: 3 hrs

AVT 320 - Aviation Safety

A study of basic aviation safety concepts related to accident causation and prevention. The course will provide an overview of current safety issues relative to risk management, human factors, aviation security and safety education. In addition, resources and techniques needed for the development and implementation of aviation safety programs will be discussed.

Credit Hours: 3 hrs

Prerequisite: AVT 170

Last Updated: 2/28/2011

AVT 321 - Cockpit and Crew Resource Management

The major elements in the process of planning and managing airports are presented including This course will present an introduction to the theories and concepts that make up the elements of cockpit and crew resource management (CRM). Topics including aviation human factors, high integrity flight teams, stress and performance, situational awareness and assessment, decision making, conflict resolution and problem solving will be explored.

Credit Hours: 3 hrs

AVT 322 - System Safety in Aviation

This course explores the Federal Aviation Administration's air carrier certification processes and the air transportation oversight system. Topics include the FAA systems approach to safety; aircraft configuration control, manual subsystems, flight operation subsystems, personnel training and qualifications, route structures, airmen duty time and technical administration of air carrier systems. Restricted to Aviation Flight Technology majors and minors, and Aviation Management Technology majors and minors.

Credit Hours: 3 hrs

Prerequisite: AVT 313

Class Restrictions: Sophomore standing

Last Updated: 2/28/2011

AVT 341 - Instrument Ground Instruction

Advanced ground instruction in flight instrument systems, attitude instrument flying, instrument navigation, weather, Air Traffic control systems and Federal Aviation Regulations directed toward preparation for the FAA instrument written and practical examinations..

Credit Hours: 2 hrs

Prerequisite: AVT 170

Major Restrictions: Aviation Flight Technology Majors only

Last Updated: 2/28/2011

AVT 342 - Commercial Ground Instruction

Advanced ground instruction will be presented to include aerodynamics, airports and airport operations, Federal Aviation Regulations, metrology, weather reports, aircraft performance, aircraft systems, weight and balance, and commercial pilot operations.

Credit Hours: 2 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 355 - Instrument Pilot Certification

The student will receive an introduction in cross-country operations and instrument flying techniques, including radio navigation, instrument approaches, and IFR operations. The course will prepare the student for the FAA instrument pilot written, oral, and practical examinations to achieve instrument pilot certification.

Credit Hours: 4 hrs

Prerequisite: AVT 251

Previously Listed As: AVT 271

Last Updated: 2/4/2011

AVT 355 - Instrument Pilot Certification

The student will receive instruction in cross-country and instrument flying techniques, including radio navigation, instrument approaches, and IFR operations. This course will prepare the student for the FAA instrument pilot written, oral and practical examinations to achieve instrument pilot certification.

Credit Hours: 4 hrs

Prerequisite: AVT 255

Major Restrictions: Aviation Flight Technology and Aviation Management Technology Majors only; department permission required for Aviation Management Majors

Last Updated: 2/28/2011

AVT 361 - Commercial/Complex Flight Instruction

The student will receive dual instruction to introduce commercial flight operations. The student will also complete instruction in complex aircraft for the purpose of preparing for Commercial Pilot Certification.

Credit Hours: 2 hrs

Prerequisite: AVT351

Major Restrictions: Aviation Flight Technology Majors only

Last Updated: 2/28/2011

AVT 371 - Commercial Certification

The student will complete the dual instruction and solo practice in all phases of flight training specified by the Federal Aviation Administration for the insurance of the Commercial Pilot Certificate. The student will complete the oral examinations and flight tests required for this certificate and rating.

Credit Hours: 2 hrs

Prerequisite: AVT 361

Major Restrictions: Aviation Flight Technology Majors only

Last Updated: 2/28/2011

AVT 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AVT 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AVT 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 382 - Flight Instructor Ground Instruction

A course designed to prepare the student to meet Federal Aviation Administration requirements for the FAA Flight Instructor Certificate for an airplane category rating and single-engine land class rating. Theories of instruction, the learning process, instructor responsibilities and authority will be presented.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 384 - Multi-engine/Aircraft Systems Ground Instruction

A course designed to prepare the student for FAA multiengine certification. The course will present the areas of aeronautical knowledge required for the multiengine pilot rating and the oral portion of the FAA multiengine practical test.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 387 - Co-operative Education in Aviation Technology

A minimum of three to four months of full-time employment in a business or industry that provides experiences directly related to the major area of study. Work sites must be approved in advance by the Interdisciplinary Technology Department. Regular employee benefits may be received during the employment period.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 419 - High Airspeed Aerodynamics/High Altitude Flight

A course designed to meet the Federal Aviation Administration ground training requirements for pilots who will conduct flight operations above 25,000 feet. The course will cover aerodynamic and physiological considerations for high altitude flight.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 422 - Senior Seminar in Aviation Management

Current issues in aviation management will be explored using group and individual projects and analysis of case studies. Research, analysis and application of skills and knowledge acquired in other course work will be stressed.

Credit Hours: 3 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

AVT 426 - Multi-Engine Flight Instruction

This course consists of the flight training and ground training requirements to meet FAA airplane class rating for multi-engine land. This course is conducted off campus by the approved flight training provider.

Credit Hours: 3 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 427 - Flight Instructor: Airplane

This course consists of the flight training requirements for the student to meet Federal Aviation Administration standards for the rating of Certified Flight Instructor-Airplane.

Credit Hours: 2 hrs

Major Restrictions: Aviation Flight Technology Majors only

AVT 428 - Flight Instructor: Instrument

This course consists of the flight training requirements for the student to meet Federal Aviation Administration standards for the rating of Certified Flight Instructor-Instrument.

Credit Hours: 2 hrs

Prerequisite: AVT 427

Major Restrictions: Aviation Flight Technology Majors only

Last Updated: 2/28/2011

AVT 429 - Flight Instructor: Multi-Engine

This course consists of the flight training requirements for the student to meet Federal Aviation Administration standards for the rating of Certified Flight Instructor-Multiengine.

Credit Hours: 2 hrs

Prerequisite: AVT 428

Major Restrictions: Aviation Flight Technology Majors only
Last Updated: 2/28/2011

AVT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

AVT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

AVT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 487 - Co-operative Education in Interdisciplinary Technology

A minimum of three to four months of full-time employment in a business or industry that provides experiences directly related to the major area of study. Work sites must be approved in advance by the Interdisciplinary Technology Department. Regular employee benefits may be received during the employment period.

Credit Hours: 3 hrs

Prerequisite: department permission

AVT 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

AVT 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

AVT 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Business Management Marketing and Technology

BMMT 100 - Contemporary Business

The American business enterprise and international business. Contemporary problems and future challenges. Career decision-making in terms of business careers

Credit Hours: 3 hrs

Notes: Open to all students except upper-division business majors.

BMMT 123 - Word Processing/Keyboarding Applications

Continued keyboarding and word processing skill development. Application of skill to business documents, manuscripts and reports. Emphasis on improved editing, proofreading and referencing skills.

Credit Hours: 2 hrs

BMMT 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

BMMT 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

BMMT 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

BMMT 200 - Principles of Career and Technical Education

An introduction to career and technical education. The scope and importance of vocational education. Vocational curriculum development, including standards, unit plans, lesson plans and assessment objectives. Safety, ethical issues and management of vocational programs. Pre-student teaching experience will be initiated in conjunction with this course.

Credit Hours: 3 hrs

BMMT 201 - Microcomputers for Business Applications

Computer hardware and software for office use including both mainframe and microcomputer systems. "Hands-on" experience limited to microcomputers. Basic skills in using prepared software and developing programs for office applications using Microsoft BASIC. Requires no prior knowledge of computers or programming.

Credit Hours: 3 hrs

BMMT 205 - Women in Business

Social and business conditions that support the entry of women to executive positions in business; career opportunities at the professional and executive levels of business.

Credit Hours: 3 hours

Cross-Listed with: WGST 205

Last Updated: Links 03/2011

BMMT 220 - Word/Information Processing Operations

Continued development of editing, proofreading and referencing techniques. Emphasis on advanced functions of word processing software, typography, graphics and other desktop publishing concepts. Advanced document applications including merge and list processing, math operations and importing from other software programs.

Credit Hours: 3 hrs

Prerequisite: BMMT 123 and BMMT 201

Last Updated: Links 03/2011

BMMT 250 - Personal Finance

The management of financial resources to satisfy personal or family goals. Budgeting, consumer credit, investments, insurance, real estate, wills and trusts, and income taxes. Students learn to make decisions within the context of a realistic consumer-oriented environment.

Credit Hours: 3 hrs

Notes: Open to all students.

BMMT 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

BMMT 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

BMMT 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

BMMT 285 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hrs

Prerequisite: department permission

BMMT 286 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: department permission

BMMT 287 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: department permission

BMMT 310 - Word/Information Processing Administration

Techniques to utilize staff and equipment most effectively, record keeping, work flow, evaluating personnel, establishing policies and standards of operation as applied to word processing.

Credit Hours: 3 hrs

Prerequisite: IA 210 and BMMT 220

Last Updated: Links 03/2011

BMMT 321 - Digital Tools: Communication

Learning and teaching digital tools and systems provide an opportunity to learn new technology input skills in a hands-on setting and methods of teaching are deeply integrated. A portion of the course is to help develop and revise curriculum for classes taught at the high school level in which digitools is incorporated. The class will delve into the national and state standards pertinent to the BMMT program.

Credit Hours: 3 hrs

BMMT 360 - Methods of Teaching General Business and Office Education

This course will take the performance-based teacher education (PBTE) approach to instructor/facilitator preparation in which the educator is required to demonstrate essential competencies. Procedures for developing behavioral objectives, selecting appropriate methods and media, lesson planning, and evaluation will be introduced and/or reviewed through formative evaluation and discussion of reading assignments.

Credit Hours: 3 hrs

Prerequisite: BMMT 200, and admission to the Initial Teacher Preparation Program

Last Updated: New Course 01/2012, effective Winter 2012

BMMT 363 - Curriculum for Career and Technical Education

This course is sequenced to take students through the process of curriculum planning and design for a Career and Technical Education Program and is required by the state to receive a vocational endorsement. The process results in both the assembly of a curriculum package and mastery of the process.

Credit Hours: 3 hrs

Prerequisite: BMMT 200

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

BMMT 364 - Methods in Teaching General Business Subjects

Methods in teaching general business, law and keyboarding with application to classroom situations. Objectives, lesson planning, techniques of teaching, and sources of materials.

Credit Hours: 2 hrs

Prerequisite: RDNG 311 and EDPS 322; 2.5 GPA in all business education subjects taken at EMU; no academic probation

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

BMMT 366 - Methods of Teaching Marketing Education

Techniques and practices utilized in teaching marketing and cooperative education in secondary schools, community colleges and adult evening schools.

Credit Hours: 2 hrs

Prerequisite: EDPS 322; 2.5 GPA in all business education subjects taken at EMU; no academic probation

Major Restrictions: Admission to the Initial Teacher Preparation Program

Last Updated: Links 03/2011

BMMT 367 - Curriculum in Marketing Education

Overviews content bases and other factors affecting marketing education curriculum. Includes development of comprehensive curriculum plans for a variety of marketing education settings, utilization of nonclassroom curriculum delivery systems, and implementation of curriculum evaluation and revision procedures. Examines current trends in marketing education curriculum.

Credit Hours: 2 hrs

BMMT 368 - Management of Marketing Education Programs

Examines the marketing educator roles of DECA adviser, public relations specialist, career counselor, program administrator/supervisor and professional educator.

Credit Hours: 2 hrs

BMMT 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

BMMT 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

BMMT 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

BMMT 387 - Co-operative Education

Graduate students who are completing research (Master's or Specialist), capstone or internship experiences and have completed all other graduate program course requirements may remain affiliated with the University through Continuous Enrollment. Enrollment enables access to library, health services and other resources.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Credit will not apply toward degree completion. Course is offered on a credit/no-credit basis

BMMT 395 - Administering Workplace Systems and Technology

Assessment, implementations and utilization of workplace systems and technology from the point of view of the administrative manager. Examination of workplace organization, physical facilities and productivity.

Credit Hours: 3 hrs

Prerequisite: BMMT 201
Last Updated: Links 03/2011

BMMT 396 - Information and Media Administration

Management methodology in records, control, costs, protection, retention, retrieval and disposal. Records administration as a management tool.

Credit Hours: 3 hrs
Prerequisite: BMMT 201
Last Updated: Links 03/2011

BMMT 461 - Projects and Simulations in Marketing Education

Projects and simulations methods in marketing education are explored with a major focus on the organization and coordination of the school store. Implementation steps for the entrepreneurship simulation are developed. Small scale simulations and projects are also studied as well as procedures for developing simulations and projects.

Credit Hours: 2 hrs

BMMT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: department permission

BMMT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs
Prerequisite: department permission

BMMT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: department permission

BMMT 487 - Co-operative Education

Graduate students who are completing research (Master's or Specialist), capstone or internship experiences and have completed all other graduate program course requirements may remain affiliated with the University through Continuous Enrollment. Enrollment enables access to library, health services and other resources.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Credit will not apply toward degree completion. Course is offered on a credit/no-credit basis

BMMT 496 - Records Administration Using Database

Database as a tool of automated search and retrieval. Identifying information needs of users: design and development of records classification structures suitable for automated records systems; searching techniques; generation of reports such as records user listings, master record listings and records retention schedules. Extensive applications using database software.

Credit Hours: 3 hrs

Prerequisite: BMMT 396

Last Updated: Links 03/2011

BMMT 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hrs

Prerequisite: department permission

BMMT 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

BMMT 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Communication Technology

CMT 104 - Introduction to Communication Technology

An introduction to the field of communication technology. Communication theory and the graphic and telecommunication industries.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week.

CMT 121 - Graphic Communication

Preparation and design of graphic media. The theory and application of effective communications. Information collection, analysis and dissemination; survey of the graphic communication industry.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

CMT 131 - Introduction to Computer Graphic Systems

Students are provided with opportunities to work on a variety of vector-based, paint-based and timeline-based software applications including the Adobe Suite of applications. Students will learn terminology for graphics, hardware and software. Students will explore applications of graphics to their own field of study. Lecture and laboratory course.

Credit Hours: 3 hrs

Major Restrictions: Course does not count for CAD majors

CMT 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CMT 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CMT 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CMT 204 - Photographic Communication

Basic functions, principles and applications of photography in graphic communication.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Notes: Students must furnish their own camera and photo materials.

CMT 205 - Digital Photo-Technology

A course designed to develop an understanding of pixel-based images and color theory as applied in graphic communication. Students will learn all aspects of pixel based imaging software through hands-on demonstration and laboratory work.

Credit Hours: 3 hrs

CMT 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CMT 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CMT 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CMT 285 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: department permission

CMT 286 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: department permission

CMT 287 - Preprofessional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: department permission

CMT 301 - Multimedia Authoring Techniques

Students are provided with opportunities to design and develop multimedia presentations. During this course there will be lecture on the history of multimedia presentation, theories involving multimedia and how to properly script for a variety of multimedia productions. Students are encouraged to work in groups to produce usable multimedia presentations.

Credit Hours: 3 hrs

Prerequisite: CMT 131 or CTAT 242

Last Updated: Links 04/2011

CMT 304 - Advanced Photographic Communication

Photographic theory and techniques, with particular emphasis upon commercial and industrial applications.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

Prerequisite: CMT 204

Notes: The student must furnish a camera and photo materials.

Last Updated: Links 04/2011

CMT 305W - Communication Transmission Systems (Gen Ed Area I, W)

Consideration of source, encoder (transmitter), channel and receiver functions. Principles of line communication, a study of various systems and future developments in communication transmission systems.

Credit Hours: 3 hrs

CMT 318 - Graphic Arts Workshop

Selected topics in the field of graphic arts technology, such as composition, press work, screen process and advanced photomechanics.

Credit Hours: 3 hrs

CMT 336 - Electronic Publishing Technology

The application of electronic design and layout principles to publication and presentation documents. Develop skills in graphics, type, file creation and manipulation, word processing interface, and output of paginated, camera-ready copy through several software packages.

Credit Hours: 3 hrs

Notes: This course was previously listed as an undergraduate course available to graduate students for graduate credit; the course is no longer available for graduate credit.

Previously Listed As: CMT 436

Last Updated: Course Number Change 02/2012, effective Fall 2012; Graduate Credit 07/2011

CMT 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hrs

Prerequisite: department permission

CMT 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

CMT 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

CMT 387 - Co-operative Education

Graduate students who are completing research (Master's or Specialist), capstone or internship experiences and have completed all other graduate program course requirements may remain affiliated with the University through Continuous Enrollment. Enrollment enables access to library, health services and other resources.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Credit will not apply toward degree completion. Course is offered on a credit/no-credit basis

CMT 404 - Photo Communication Workshop

Selected topics in photo communications, such as commercial and industrial photography, photo journalism, sensitometry and photography, and photo processing. The class schedule describes the specific topic being offered during a given semester.

Credit Hours: 3 hrs

Prerequisite: CMT 304

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 04/2011

CMT 408 - Telephone Technology

This class will cover an introduction to telecommunications theory and practice. The course content will include both traditional private branch exchanges (PBX's) and voice over Internet protocol (VoIP) systems. The administration of these systems, their configuration and the testing of the hardware and software components will be covered. Lecture/lab course.

Credit Hours: 3 hrs

Prerequisite: CMT 305W

Last Updated: Links 04/2011

CMT 409 - Emerging Technologies in Storage and Retrieval

Conventional as well as emerging technologies of information storage and retrieval. Lecture and laboratory.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CMT 421 - Web Publishing Technology

An introduction to HTML coding, web page design, web page editors, graphics, sound files and multimedia. Also included will be an introduction to online services, servers and ongoing maintenance of the web site.

Credit Hours: 3 hrs

Prerequisite: CMT 121/CMT 205

Major Restrictions: Not available to students in Extended Programs and Educational Outreach

Last Updated: Links 04/2011

CMT 425 - Communication Technology and Social Change

The social implications of recent and future developments in communication technology. The effects upon education, research and scientific knowledge, business and entertainment.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CMT 427 - Digital Imaging and Reproduction

Study and laboratory work in scanning, measuring and reproducing graphic images as applied to offset presswork and other forms of digital reproduction which includes the preparation and proofing of files for color separation and electronic transfer.

Credit Hours: 3 hrs

Prerequisite: CMT 336

Previously Listed As: CMT 207

Last Updated: Course Number Change 02/2012, effective Fall 2012; Links 04/2011

CMT 470 - Senior Seminar in Communication Technology

Guest speakers and/or site visitations will be used to illustrate the application of new communication technologies common to business, industrial or governmental environments.

Credit Hours: 2 hrs

CMT 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CMT 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CMT 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

CMT 487 - Co-operative Education

Graduate students who are completing research (Master's or Specialist), capstone or internship experiences and have completed all other graduate program course requirements may remain affiliated with the University through Continuous Enrollment. Enrollment enables access to library, health services and other resources. Credit will not apply toward degree completion.

Credit Hours: 3 hrs

Prerequisite: department permission

Notes: Course is offered on a credit/no-credit basis.

CMT 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hrs

Prerequisite: department permission

CMT 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

CMT 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Homeland Security and Emergency Management

HSEM 255 - Emergency Preparedness Planning

An introduction to emergency planning, including assessment of community hazards and resources, for students responsible for civil defense or emergency-preparedness tasks. Provides a planning and analytical framework, hazard/vulnerability analysis, that can be applied to the local comprehensive emergency-management context.

Credit Hours: 3 hrs

Last Updated: Course type 07/2011

HSEM 306 - Issues in Emergency Preparedness

This course is designed for emergency managers to explore strategies in management and organizational development for improving skills and understanding of an effective emergency management organization. It is comprised of five key areas: legal issues, strategic management, executive skills, service quality in the public sector, and stress management.

Credit Hours: 3 hrs

Prerequisite: HSEM 255 or department permission

Last Updated: Links 04/2011

HSEM 309 - Natural Hazard Mitigation

The purpose of natural hazard mitigation is to introduce the concepts and skills of hazard mitigation and recovery planning, vulnerability risk analysis and implementation of a community-wide program, and to relate natural hazard mitigation processes to disaster planning.

Credit Hours: 3 hrs

Prerequisite: HSEM 255 or department permission

Last Updated: Links 04/2011

HSEM 380 - Planning and Decision-Making for Public Safety

Planning and decision-making is central to the command officer's role. This course provides the foundation for the planning and decisions that must be made relevant to every aspect of administering an agency. The KSA's acquired will assist the student as they approach the topics in human resource management, administration of the agency and homeland security.

Credit Hours: 3 hrs

Last Updated: Course type 07/2011

HSEM 381 - Public Relations and Public Safety

An examination of the relationship between public safety agencies and the larger community, with particular emphasis on administrative and policy dimensions; the role of public safety agencies, the community's involvement in establishing that role, police-community relations programs, relationships with the media and professionalization and accreditation movements in public safety agencies are addressed.

Credit Hours: 3 hrs

Last Updated: Course type 07/2011

HSEM 412 - Administration of Public Safety Agencies

This course addresses the management and administrative duties associated with administering a public safety agency. Topics include community relations, budgeting, employee wellness, line of duty deaths, labor law and legal issues, consolidation of services and negotiation of labor contracts are addressed from a management perspective.

Credit Hours: 3 hrs

Last Updated: Course type 07/2011

HSEM 433 - Arson Investigation

An examination of the nature and causes of suspicious and incendiary fires, their detection and investigation; involves classroom lecture and field training. Students will conduct fire scene investigations, collect evidence, document findings, and participate in a mock trial. Assumes no previous experience in fire investigation. Students must provide their own 35mm camera, safety shoes, gloves and hard hat.

Credit Hours: 3 hrs

Prerequisite: (CHEM 117 and CHEM 118) or PHY 221

Previously Listed As: SSC 433

Last Updated: Links 04/2011

HSEM 434 - Hazardous Materials

An examination of hazardous material incidents from the perspective of the public safety officer/manager charged with protecting people and property; identifying hazardous materials, assessing hazardous material accidents, planning and tactics for addressing hazardous material problems.

Credit Hours: 3 hrs

Prerequisite: (CHEM 117 and CHEM 118) or PHY 221

Last Updated: Links 04/2011

HSEM 435 - Incident Command

The study of complex fire situations, including analysis of prefire planning, establishing and managing the command post, and effective management of complex fireground operations. Emphasizes the study of multiple company response and the efficient utilization of available and prospective resources in handling major fires.

Credit Hours: 3 hrs

Prerequisite: PLSC 450 or department permission

Last Updated: Links 04/2011

HSEM 438 - Human Resource Management for Public Safety Agencies

Human Resource Management includes the process of recruiting, assessing, selecting, and promotion of employees. This course examines the staffing process and provides participants with tactics to ensure the highest qualified candidate is selected and managed. The course addresses employment law, Assessment Centers, as well as traditional interviewing and testing.

Credit Hours: 3 hrs

Prerequisite: PLSC 334 or department permission

Last Updated: Links 04/2011

HSEM 439 - Managing Critical Incidents for Homeland Security

This course applies current Homeland Security Policies in budgeting and management. The student will also apply critical decision making in crisis situations. A table top exercise will provide a capstone experience for application of concepts taught.

Credit Hours: 3 hrs

Last Updated: Course type 07/2011

HSEM 452 - Current Trends in Emergency Management

This course was designed to provide students with the knowledge of emergency management and the philosophy of emergency planning for community, business and industry. Students will develop a management perspective on issues, concerns and constraints effective to emergencies that responders must think about today.

Credit Hours: 3 hrs

Prerequisite: HSEM 255

Last Updated: Links 04/2011

HSEM 453 - Management/Leadership for Public Safety

This course addresses the various styles of leadership theories and an analysis of public safety management elements, including planning, organizing, leading, controlling and communicating. Presented in the context of, and applied to internal police/fire/emergency management administration.

Credit Hours: 3 hrs

Prerequisite: HSEM 380

Notes: Equivalent to PLSC450

Last Updated: Links 04/2011

HSEM 454 - Managing Technology for Public Safety Agencies

This course applies IT function and electronic research into accomplishing organizational objectives in a Public Safety Agency. The student will distinguish between reliable and questionable sources of information. Managing and controlling of the IT function.

Credit Hours: 3 hrs

Prerequisite: HSEM 453

Notes: Equivalent to PLSC 451

Last Updated: Links 04/2011

HSEM 475 - Managing Correctional Agencies and Facilities

A study of administrative practices in correctional agencies and facilities, including attention to organization structure, management problems, financing, rights of offenders, intervention strategies and community-based programs.

Credit Hours: 3 hrs

Prerequisite: PLSC 450 or department permission

Last Updated: Links 04/2011

Hotel and Restaurant Management

HRM 103 - Introduction to the Hospitality Industry

This is a course designed to expose the hospitality undergraduate to the food service and lodging industries. It covers an introduction to the various segments of the food service industry and lodging industry. Career choices in food service and lodging

industries will also be discussed.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 150 - Sanitation in the Hospitality Industry

Management of basic sanitation in food-service and lodging facilities. Meets specifications required for National Institute for the Food Service Industry certification.

Credit Hours: 2 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 177 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

HRM 178 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

HRM 179 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

HRM 180 - Food Production

Study of kitchen sanitation and safety, food preparation and storage. Includes menu design based on customer needs and preparation of final buffet.

Credit Hours: 3 hrs

Prerequisite: HRM 150

Major Restrictions: Admission to the Hotel and Restaurant Management Program

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 251 - Meal Service Management

Theories, principles and skills for food and beverage service in institutional, commercial and resort properties. Supervisory techniques and training styles effective for food service.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 268 - Hotel Operations Management

This course provides a systematic approach to hotel operations including front office and housekeeping operations. Topics covered include reservation processes, revenue management, customer relations and an overview of housekeeping management.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 270 - People Skills for the Hospitality Industry

Applied approach to encourage the improvement of human relation skills. Addresses personal and professional skills in human relations and encourages the improvement of human interactions. Focused on efforts to enhance the quality of interactions between the service provider and customer/client.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 277 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

HRM 278 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

HRM 279 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

HRM 287 - Cooperative Education in Hotel and Restaurant Management

Employment in an appropriate setting, chosen to provide supervised practical experience. Credit hours determined by program area and academic advise.

Credit Hours: 1 hr

Prerequisite: approval of the Cooperative Education Office and department permission

Notes: Offered on credit/no-credit basis only

HRM 288 - Cooperative Education in Hotel and Restaurant Management

Employment in an appropriate setting, chosen to provide supervised practical experience. Credit hours determined by program area and academic adviser.

Credit Hours: 2 hrs

Prerequisite: approval of the Cooperative Education Office and department permission

Notes: Offered on credit/no-credit basis only.

HRM 289 - Cooperative Education in Hotel and Restaurant Management

Employment in an appropriate setting, chosen to provide supervised practical experience. Credit hours determined by program area and academic adviser

Credit Hours: 3 hrs

Prerequisite: approval of the Cooperative Education Office and department permission

Notes: Offered on credit/no-credit basis only.

HRM 330 - Hotel and Restaurant Management

This course explores the issues related to managing hotels and restaurants using computer technology. Principles of networking, security, and databases provide the basis for understanding how computer technology is used to make reservations, manage inventory, process food orders, manage facilities and market over the Internet.

Credit Hours: 3 hrs

Prerequisite: STS 201 or BMMT 201 or instructor permission

Class Restrictions: Junior standing

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Prerequisite Clarification 03/2012; Links 04/2011

HRM 340 - Cost Controls in the Hospitality Industry

Techniques used by hospitality managers to control food, equipment, labor and operating costs. Purchasing, labor and pilferage controls and fiscal management.

Credit Hours: 3 hrs

Prerequisite: MATH 110 or higher

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 350 - Lodging Facilities Management

Organization and management of operational departments and functional areas involved in the operation of various types of lodging properties. Planning and control systems, especially physical, mechanical, engineering and electrical systems.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 360 - Franchising and Contract Management

This course covers franchise operations from franchisor and owner/operator perspectives regarding product/service offering, contract options and evaluation of relationship requirements. In addition, responsibilities and advantages of contract management in food-service and lodging establishments will be discussed.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 376 - Legal Aspects of the Hospitality Industry

An introduction to the rights and responsibilities that the law grants to or imposes upon hospitality managers is covered in this class. In addition, illustrations of possible consequences of failure to comply with legal obligations are covered.

Credit Hours: 3 hrs

Prerequisite: three courses in major

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 377 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

HRM 378 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

HRM 379 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

HRM 387 - Cooperative Education in Hotel and Restaurant Management

Employment in an appropriate setting, chosen to provide supervised practical experience. Credit hours determined by program area and academic adviser.

Credit Hours: 1 hr

Prerequisite: approval of the Cooperative Education Office and department permission

Notes: Offered on credit/no-credit basis only.

HRM 388 - Cooperative Education in Hotel and Restaurant Management

Employment in an appropriate setting, chosen to provide supervised practical experience. Credit hours determined by program area and academic adviser.

Credit Hours: 2 hrs

Prerequisite: approval of the Cooperative Education Office and department permission

Notes: Offered on credit/no-credit basis only.

HRM 389 - Cooperative Education in Hotel and Restaurant Management

Employment in an appropriate setting, chosen to provide supervised practical experience. Credit hours determined by program area and academic adviser.

Credit Hours: 3 hrs

Prerequisite: approval of the Cooperative Education Office and department permission

Notes: Offered on credit/no-credit basis only.

HRM 396 - Club and Resort Management

Examination of historical background and development of clubs and administrative procedures typically practiced. Discussion of goals and objectives of clubs, governance structures, buildings and facilities operations plus programming components including food and beverages operations, golf, tennis and pool management. Accounting and finance issues of clubs and marketing strategies are studied.

Credit Hours: 3 hrs

Prerequisite: three courses in major

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 410 - Human Resource Issues in the Hospitality Industry

Hotel and restaurant industry issues related to the administration of personnel with emphasis on strategies for successful recruitment, employment and retention of employees, particularly teenaged, senior, immigrant and disabled candidates. Includes worker-environment fit, motivation of minimum-wage employees and general legal issues relevant to personnel laws in this industry.

Credit Hours: 3 hrs

Prerequisite: MGMT 384

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 420 - Quality Service Management

This course is designed to explore, challenge and define the principles of guest service management in any hospitality organization. Topics include characteristics and attributes of service, analysis of service gaps and development of service strategies to address these gaps and develop service recovery procedures.

Credit Hours: 3 hrs

Prerequisite: HRM 289 and HRM 268

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 430 - Seminar in Hospitality Management

Current topics in hospitality management will be covered along with professional development topics related to finding and obtaining a position upon graduation. The development and implementation of a professional or community project will be included in the course.

Credit Hours: 3 hrs

Class Restrictions: Senior standing

Major Restrictions: Hospitality Management Majors only

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 441 - Commercial Purchasing

Study of principles and techniques applicable to purchasing with emphasis on selection and specification requirements for food, supplies, equipment and contract services.

Credit Hours: 3 hrs

Corequisites: HRM 180 and HRM 340

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 450 - Meetings and Events Management

Overview of meeting planning, and events management with emphasis on defining the management of events. Discussion of components of various types of events, negotiating contracts, facilities, costing, support services and legal issues will be covered. Students will be required to assist with several events planned during the semester.

Credit Hours: 3 hrs

Prerequisite: HRM 180 and HRM 251

Class Restrictions: Senior standing

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Graduate Credit 07/2011; Links 04/2011

HRM 460 - Advanced Foodservice Management

Evaluation of recent trends in the foodservice management including systems, food and equipment innovations and operational issues will be covered. Students will have the opportunity to apply knowledge and skills gained through previous courses and work experiences in a foodservice operations project.

Credit Hours: 3 hrs

Prerequisite: HRM 251

Major Restrictions: Hotel and Restaurant Majors and Minors only

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 465 - Advance Topics in Hospitality Management

This course is designed to acquaint the student with the major trends and other current issues of concern to the hospitality management professional. Issues pertaining to the identification and analysis of events, trends and forces arising from the external environment will be explored, integrated and applied to the hospitality context.

Credit Hours: 3 hrs

Prerequisite: HRM 268

Major Restrictions: Hotel and Restaurant Majors and Minors only

Last Updated: Links 04/2011

HRM 470 - Hospitality Industry Marketing

This course covers basic knowledge for developing, implementing and evaluating strategic marketing plans for hospitality properties. Principles of service marketing are covered as they apply to the hospitality industry.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 475 - International Hospitality Management

This course is focused on providing a better understanding and deeper appreciation of management and marketing applications within a globalized context. The course presents a systematic approach to preparing students for leadership roles in tomorrow's worldwide lodging industry.

Credit Hours: 3 hrs

Prerequisite: HRM 470

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; Links 04/2011

HRM 477 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 1 hr

Prerequisite: department permission

HRM 478 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 2 hrs

Prerequisite: department permission

HRM 479 - Special Topics

An experimental course designed to investigate specific topics of concern in specialization areas.

Credit Hours: 3 hrs

Prerequisite: department permission

HRM 480 - Gaming and Casino Management

This course provides an overview of gaming and casino operations and management. Topics include gaming trends in the United States and the world, casino hotel organizational structure, government regulations and casino games. Also covered are the practices and concerns associated with casino management including staffing, controls, security, marketing and entertainment.

Credit Hours: 3 hrs

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012

HRM 485 - Beverage Management

This course introduces responsible beverage operations in a hospitality operation. Topics include history, service, procurement, storage, and control. Beverages discussed are: sparkling waters, coffees, teas, wine, and fermented and distilled beverages. Management topics will include operations, trend identification, basic production methods, costing and pricing, and inventory methods. Students must be over 21 years old.

Credit Hours: 3 hrs

Prerequisite: HRM 103 and HRM 251

Class Restrictions: Junior standing or higher

Terms Offered: Course Rotation Schedules

Last Updated: Link 5/2012; New Course 09/2011, effective Winter 2012

HRM 496 - Strategies in Hospitality Management

Strategies for assessing, planning, implementation, evaluation and training in hospitality operations will be addressed.

Credit Hours: 3 hrs

Prerequisite: HRM 410 and HRM 470

Class Restrictions: Senior standing

Major Restrictions: Hospitality Management Majors only

Last Updated: Link 5/2012; Links 04/2011

HRM 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

HRM 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

HRM 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Industrial Distribution

ID 140 - Introduction to Wholesale Distribution

This course is an introduction to wholesale distribution. Students will explore the history and theory of wholesaling and its impact on today's economy. Through lectures, discussions, presentations by industry experts and field experiences, students will examine the various industries and supply channels and will develop an understanding of wholesale distribution.

Credit Hours: 3 hrs

ID 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ID 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ID 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ID 240 - Profit Strategies in Distribution

Explanation of the terms related to profits and markup, calculation of profit, discounts, markups, identification and interpretation of profitability ratios, and the distribution of financial resources.

Credit Hours: 3 hrs

ID 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ID 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ID 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ID 285 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: department permission

ID 286 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: department permission

ID 287 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: department permission

ID 340 - Relationships in Wholesaling

Analysis of major industries and professional trade associations, and their interaction within the marketing channel. Emphasis will be placed on the relationship between trade associations and industry, elements of the marketing channel (manufacturer, distributor, customer and the employer and employee).

Credit Hours: 3 hrs

ID 345 - Marketing in Wholesale Distribution

The course focuses on strategies, processes, and techniques used to elicit industrial sales and develop markets by distributors. Students will examine the tools various "key" industry leaders use to penetrate the industrial market. Through case study and field experience, the students will be able to problem solve and provide cost-effective solutions to industry concerns.

Credit Hours: 3 hrs

ID 346 - Industrial Climate

Focus will be on various "key" industries that makeup the wholesale market. Manufacturing and the tiered supply base, HVAC, electrical, electronic, abrasives and cutting tools, fluid power, fasteners, safety and security equipment, paper, sporting goods, clothing etc. will be areas of concentration with emphasis on the role distributors play in the process.

Credit Hours: 3 hrs

ID 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ID 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ID 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ID 387 - Co-operative Education

Credit Hours: 3 hrs

ID 391 - Wholesale Account Development

An in-depth study into the processes and techniques involved in acquiring and developing industrial accounts from the distributor's and the manufacturer's point of view. The course will develop practical and effectual skills in the area of advanced industrial wholesale account development. Guest lectures by manufacturers' representatives and from purchasing agents will augment the course.

Credit Hours: 3 hrs

ID 440 - Inventory Strategies in Distribution

An examination of the wholesale inventory management problem. The interrelationship between physical inventory, profitability and customer service will be explored.

Credit Hours: 3 hrs

ID 444 - Quality Planning in Distribution

Wholesale distributors are moving toward a total commitment to the philosophy of continuous improvement with zero errors as their ultimate goal. The course explores the quality assurance movement as it applies to wholesalers.

Credit Hours: 3 hrs

ID 448 - Best Practices in Wholesale Distribution

Wholesale policies used to support supply integration from the manufacturers to the end users will be examined. The balance of power between the manufacturers and distributors has changed significantly. This course will examine those changes and the effect they are having in today's economy through an analysis of sound principles/policies that are utilized by industry leaders.

Credit Hours: 3 hrs

ID 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

ID 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

ID 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

ID 487 - Co-operative Education

Credit Hours: 3 hrs

ID 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

ID 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

ID 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Information Assurance

IA 103 - Information Security Overview

A study of security in both the voice and data networks and an examination of the security issues associated with the movement toward a convergence of the two infrastructures. Topics include voice and data network connectivity, modem security, VOIP security, wireless security, cryptography, intrusion detection systems, voice and data firewalls, malicious software, information operations and warfare, and denial of service attacks.

Credit Hours: 3 hrs

Last Updated: 2/10/2011

IA 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1hr

Prerequisite: department permission

Last Updated: 2/10/2011

IA 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 202L - Risk-Vulnerability Analysis (Gen Ed Area V LBC)

Tools, techniques, and methodologies in performing computer system and network security vulnerability-risk analyses. "Security best practices" and audit requirements for specific environments will be studied. Topics to be covered include internal and external penetration tests, wireless security technology, risk and analysis methodology, and security audits.

Credit Hours: 3 hrs

This course has been approved as a General Education Program "Learning Beyond the Classroom, Group 4: Career and Professional Development" course.

This course will assist students in their career preparation as information system security managers. Upon successful completion of this course, students should be able to:

- demonstrate risk management and risk analysis
- demonstrate vulnerability assessment techniques
- demonstrate threat analysis techniques
- plan vulnerability assessment, threat assessment, and risk analysis projects
- apply risk management principles throughout the software and systems development life cycles to include continuity
- demonstrate incident handling, continuity, and disaster recovery techniques
- define network security assessment and accreditation techniques

Last Updated: 2/10/2011

IA 210 - Concepts of Network and Business Technology

The concepts and functions of networks and related business technology. The course emphasizes administration client/server and peer-to-peer networks. The course includes equipment, procedures and career opportunities.

Credit Hours: 3 hrs

Previously Listed As: NITA 210

Last Updated: Prerequisite Change 02/2012, effective Fall 2012; Links 04/2011

IA 212 - Open Systems Platform and Network Administration

Introduction to open source client/server networking, careers and basic information security and assurance concepts. Focusing on Linux as a platform and server operating system, students learn through theory and applied work. Topics included are: file and hardware management, user account management, TCP/IP protocols and installation of the Linux client and server. Students build and administer a basic network.

Credit Hours: 3 hrs

Previously Listed As: NITA 212

Last Updated: 2/10/2011

IA 213 - Privacy and Technology

This course prepares students to recognize, analyze, and manage privacy challenges created by technology. Both business and self regulatory efforts will be reviewed.

Credit Hours: 3 hrs

Last Updated: 2/10/2011

IA 215 - System Support and Troubleshooting

IA215 maps fully to CompTIA's A+ Exam objectives. This course is focused on learning the fundamentals of supporting and troubleshooting computer hardware. At the same time, it prepares students to successfully pass the A+ 220-701 and 220-702 exams. Students will be instructed via theory and practical pedagogy in the world of PC hardware support.

Credit Hours: 3 hrs

Last Updated: 2/10/2011

IA 240 - Intelligence Analysis I

An introductory intelligence analysis course designed to prepare intelligence products, hypothesis, along with collection and dissemination planning. Students will explore historical, legal, and ethical basis for intelligence collection, retention and of the analytical product.

Credit Hours: 3 hrs

Previously Listed As: IA 440 - Intelligence Analyst I

Last Updated: Course Number and Prerequisite Change 02/2012, effective Fall 2012

IA 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1hr

Prerequisite: department permission

Last Updated: 2/10/2011

IA 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 285 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1hr

Prerequisite: department permission

Last Updated: 2/10/2011

IA 286 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2hrs

Last Updated: 2/10/2011

IA 287 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 329 - Policy Development in Information Assurance

This course serves the essential aspects for developing sound information security policy. Organizational objectives,, threats, risk mitigation and cost-benefit analysis will be explored. The student will utilize industry accepted methodologies to create practical security policy that will communicate the organization's asset protection objectives.

Credit Hours: 3 hrs

Prerequisite: IA 202L

Class Restrictions: Sophomore standing

Last Updated: 2/10/2011

IA 343 - Intelligence Analysis II

The second course in the Intelligence Analysis Series that uses technical software in the analysis of data. Material presented through analysis software, oral and written presentations and case analysis. The student will be required to understand the relationship between demographics, technology and the impacts on critical infrastructures within the assigned areas of research.

Credit Hours: 3 hrs

Prerequisite: IA 240

Class Restrictions: Sophomore standing or higher

Last Updated: New Course 02/2012, effective Fall 2012

IA 344 - Administration of Computer Systems

Principles and practices of computer operating systems for networks in educational or small to mid-sized organizations. The course will emphasize the tasks the administrator must perform frequently.

Credit Hours: 3 hrs

Prerequisite: IA 210

Class Restrictions: Sophomore, Junior or Senior standing

Previously Listed As: NITA 344

Last Updated: 2/10/2011

IA 350 - Network Connectivity

This course is focused on managing CISCO switches in practical environments. It prepares students for a portion of the Cisco Certified Network Associate (CCNA) certification examination. It provides students with knowledge and skills necessary to install, configure, update, and troubleshoot switched LANs and VLANs.

Credit Hours: 3 hrs

Last Updated: 2/10/2011

IA 354 - Multi-Level Networking

This course will focus on the connectivity required to build two- to n-tiered networks. Students will configure and administer routers utilizing CISCO IOS. Security concepts for LAN and WAN environments are discussed. This course builds on prerequisite knowledge of the TCP/IP protocol suite, networking, and WAN/LAN topology concepts.

Credit Hours: 3 hrs

Class Restrictions: Junior or Senior standing

Major Restrictions: Admitted to the Network Security/Administration Concentration program

Previously Listed As: NITA354

Last Updated: 2/10/2011

IA 364 - Advanced Windows Security

This course will focus on the technology, methodology and implementation issues of network based application. Special network services include electronic mail, Web/Application, proxy, storage, and collaboration services. Security issues related to the technology are discussed. This course contains a lab component in which students assemble server technology discussed in lecture.

Credit Hours: 3 hrs

Prerequisite: IA 344

Major Restrictions: Admitted to the Information Assurance program

Previously Listed As: NITA 364 Special Network Server Administration

Last Updated: 2/10/2011

IA 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/10/2011

IA 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: IA 344

Previously Listed As: NITA 379

Last Updated: 2/10/2011

IA 387 - Cooperative Education

Credit Hours: 3 hrs

Previously Listed As: NITA387

Last Updated: 2/10/2011

IA 400 - Malware Analysis and Reverse Engineering

This course adopts a practical approach in detecting, analyzing, reverse engineering, and eradicating malicious software (or malware). It uses a standard methodology, which includes setting up an inexpensive laboratory and utilizing a selected set of forensic tools to dissect a malware, discover its characteristics, and neutralize its effects.

Credit Hours: 3 hrs

Prerequisite: COSC 146 and COSC 205

Class Restrictions: Sophomore standing or higher

Last Updated: New Course 02/2012, effective Fall 2012

IA 412 - Linux Security Administration

Students in this course build complex Linux-based networks, implement selected special servers in the network and test various configurations for performance and security. Students identify the vulnerabilities of a complex network, apply security controls and troubleshoot problems in complex networks. Ethical, legal, professional conduct and security policy are discussed in this course.

Credit Hours: 3 hrs

Prerequisite: IA 212

Previously Listed As: NITA 412

Last Updated: 2/10/2011

IA 415 - Introduction to Research in Information Assurance

An introduction to the conduct of studies in information and network assurance and security, including the reading of published research studies, selected approaches used for research, and formulation of researchable questions. Students will prepare a proposal for the study to be completed in IA 416.

Credit Hours: 3 hrs

Prerequisite: STS 300W, all IA foundation courses and at least 15 hours in concentration

Last Updated: 2/10/2011

IA 416 - Applied Research Project

Students will conduct and write results of the research study proposed in IA 415, Foundations of Information Assurance Research. This includes modifying any aspects of the methods of the study that may be necessary. The final results will be prepared and presented according to guidelines of an appropriate style manual.

Credit Hours: 3 hrs

Prerequisite: IA 415

Last Updated: 2/10/2011

IA 422 - Networks: Planning and Design

The course focuses on planning and designing networks systems that deliver information services and resources. Emphasis is on end-user needs assessment, alternative system designs, security planning, support issues, and training and development. Students will develop a proposal for a new or revised end-user system that reflects the principles covered in the course.

Credit Hours: 3 hrs

Prerequisite: IA 344

Previously Listed As: NITA 422

Last Updated: 2/10/2011

IA 425 - Cyber Crime Investigation I

This course is part one of a two sequence course of study. It is designed to prepare students to become effective cyber crime investigators. The course examines the basic steps required in hardware identification, TCP-IP, rules of electronic evidence, DOS, network investigation, case management and intrusion detection.

Credit Hours: 3 hrs

Class Restrictions: Sophomore standing

Previously Listed As: IA325

Last Updated: 2/10/2011

IA 426 - Cyber Crime Investigation II

Intensive hands on investigation of computer related crime designed for the professional electronic crime investigator. The course will focus on Internet crimes, fraud investigation, malicious logic, encryption and intrusion detection involving hacking networks and software. This is the second part of two semester course offering.

Credit Hours: 3 hrs

Prerequisite: IA 425

Previously Listed As: IA 326

Last Updated: 2/10/2011

IA 427 - Digital Forensics I

This course addresses the comprehension and application of Digital Forensic Investigations. Students will evaluate and synthesize technical and legal issues in relation to digital evidence. Students will apply various skills and techniques, combined with numerous investigative software tools to analyze seized electronic media. Students subject to background investigation prior to admittance.

Credit Hours: 3 hrs

Prerequisite: IA 210

Class Restrictions: Sophomore standing

Previously Listed As: IA 327

Last Updated: 2/10/2011

IA 428 - Digital Forensics II

This advanced course addresses the comprehension and application of Digital Forensic Investigations. Students will evaluate and synthesize technical and legal issues in relation to digital evidence. Students will apply various skills and techniques, combined with numerous investigative software tools to analyze seized electronic media. Students subject to background investigation prior to admittance.

Credit Hours: 3 hrs

Prerequisite: IA 427

Class Restrictions: Sophomore standing

Previously Listed As: IA 328

Last Updated: 2/10/2011

IA 429 - Enterprise Digital Analysis

Credit Hours: 3 hrs

Prerequisite: IA 427 and IA 428

Last Updated: 2/10/2011

IA 430 - Network Forensics

This course will introduce the student to the essential best practices in database security strategies. The student will be provided with the tools, techniques and industry accepted methodologies so that upon completion of the course the student will be able to describe key concepts of database security and how to apply those concepts to securing database management systems within their organization.

Credit Hours: 3 hrs

Prerequisite: IA 427

Class Restrictions: Sophomore standing or higher

Last Updated: New Course 02/2012, effective Fall 2012

IA 441 - Foreign and Domestic Terrorism and Information Warfare

This course provides for the preparation and response to a foreign or domestic act of terrorism including Information Warfare. Students will explore the technology of weapons of mass destruction, how to prepare their communities, respond to the incident, and mitigate the effects of a terrorist act.

Credit Hours: 3 hrs

Previously Listed As: SSC441

Last Updated: 2/10/2011

IA 442 - Cyber Intelligence

Cyber intelligence analysis training. Students will examine concepts of cyber warfare attacks and threats to critical systems. Students will also examine government, military, and business responsibility through a centric approach to include security, law enforcement, and intelligence applications. Intelligence software will be introduced for link analysis.

Credit Hours: 3 hrs

Prerequisite: IA 240

Class Restrictions: Sophomore standing or higher

Last Updated: New Course 02/2012, effective Fall 2012

IA 445 - Ethical Hacking and Offensive Security

This course will use hacking techniques used by malicious, black hat hackers as a means to learn best defense from these same hackers. The course is an in-depth study using hands-on lab exercises. While these hacking skills can be used for malicious purposes, this class teaches you how to use the same hacking techniques to perform a white-hat, ethical hack, on your organization.

Credit Hours: 3 hrs

Prerequisite: IA 103 and IA 210

Last Updated: Links 05/2011

IA 455 - Incident Response

This course will introduce the student to the essential aspects of information security and incident response. The student will be provided with the tools, techniques and industry accepted methodologies so that upon completion of the course the student will be able to describe key concepts of network security and incident response and how those concepts apply to themselves and their organization.

Credit Hours: 3 hrs

Prerequisite: IA 430

Previously Listed As: IA 455 - Network Security Hardening

Last Updated: Title/Course Description/Prerequisite Change 02/2012, effective Fall 2012

IA 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/10/2011

IA 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 480 - SQL Database Security

This course will introduce the student to the essential best practices in database security strategies. The student will be provided with the tools, techniques and industry accepted methodologies so that upon completion of the course the student will be able to describe key concepts database security and how to apply those concepts to securing database management systems within their organization.

Credit Hours: 3 hrs

Prerequisite: IA 210

Class Restrictions: Sophomore standing or higher

Last Updated: New Course 02/2012, effective Fall 2012

IA 487 - Cooperative Education

Credit Hours: 3 hrs

Last Updated: 2/10/2011

IA 495 - Networks: Implementation and Evaluation

The course focuses on implementing and evaluating network systems that deliver information services and resources. Emphasis is on implementation based on current theories of innovation and change and on development of evaluation criteria. Testing information security and service delivery is included. Students will evaluate an actual or hypothetical end-user system.

Credit Hours: 3 hrs

Prerequisite: IA 344

Previously Listed As: NITA 495

Last Updated: 2/10/2011

IA 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

Last Updated: 2/10/2011

IA 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

Last Updated: 2/10/2011

IA 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Last Updated: 2/10/2011

Legal Assistant

LEGL 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

LEGL 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

LEGL 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

LEGL 211 - Introduction to Paralegalism and Legal Terminology

An overview of the nature of the legal assistant (paralegal) program, with a look at the roles, opportunities, responsibilities and problems encountered. The student is introduced to areas of the law in which the legal assistant may work. Ethical considerations are addressed and legal terminology will be introduced and emphasized. Must be completed in the first 12 hours of the major.

Credit Hours: 3 hrs

Notes: A minimum grade of "B-" is required if taken towards the Legal Assistant (Paralegal) Program.

LEGL 212 - Law Office Administration and Technology

This course will teach the fundamentals of law office management and organization, and introduce the student to technologies used in a typical law practice. Subjects covered include: basic principles and structure of law firm management, computerized conflict-checking, timekeeping and accounting systems, marketing issues, ethical issues, and the Michigan Code of Professional Responsibility, administrative and substantive systems in the law office and law practice technology.

Credit Hours: 3 hrs

Prerequisite: BMMT 201

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

LEGL 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

LEGL 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

LEGL 304W - Legal Writing, Research and Analysis I (Gen Ed Area I, W)

This course is designed to develop basic skills in analyzing legal problems, researching those problems and searching for legal authority. Students are also introduced to primary and secondary legal resources. Emphasis is given to preparing and writing legal memoranda. Extensive use of library law materials is required.

Credit Hours: 3 hrs

Prerequisite: ENGL 121 and BMMT 123 (majors only)

Notes: A minimum grade of "C+" is required if taken towards the Legal Assistant (Paralegal) Program

Last Updated: Links 03/2011

LEGL 305 - Advanced Legal Writing, Research and Analysis II

This course will build upon skills acquired in LEGL 304W. Students will be introduced to computerized research sources with a special emphasis on LEXIS and Westlaw. Discussion will also focus on the state appellate process. Students will learn how to prepare an appellate brief and do online legal research to complete their brief. Special emphasis will be placed on students improving their legal writing techniques.

Credit Hours: 3 hrs

Prerequisite: BMMT 201 or equivalent; ENGL 121; LEGL 304W

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 311 - Probate, Estates and Wills

The student will study the probate code and probate procedures, descendants' estates, death and inheritance taxes, and other related problems. Special attention will be given to wills and how wills are drafted.

Credit Hours: 3 hrs

Prerequisite: LEGL 211

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 313 - Family Law

A basic introduction to the areas of domestic law, including such subjects as divorce, adoption, abortion, parental rights, children's rights, child abuse, neglect and guardianship. The course will be directed toward the legal assistant's role in preparing court documents and other tasks of the paralegal in this area.

Credit Hours: 3 hrs

Prerequisite: LEGL 211

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 315 - Land Transaction and Real Estate for Paralegals

Introduction to the skills needed to assist an attorney in representing clients in real property transactions, including closings for purchase/sale of residential property; examining issues of ownership of real property; financing real property transactions; and the landlord-tenant relationship in leasing real property.

Credit Hours: 3 hrs

Prerequisite: LEGL 211 or LAW 293

Class Restrictions: Sophomore standing

Last Updated: Links 04/2011

LEGL 320 - Cyber Law and Compliance

An in-depth examination of the law dealing with computers and the Internet, including such issues as intellectual property, electronic commerce, information privacy, freedom of expression, cybercrime and jurisdiction. Included are detailed analyses of significant legal case studies plus review of applicable federal and state legislation.

Credit Hours: 3 hrs

Previously Listed As: LEGL 413 Internet Law

Last Updated: Number and Title Change 10/2012;effective Winter 2013

LEGL 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

LEGL 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

LEGL 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

LEGL 400 - Advanced Legal Writing, Research and Analysis III

This course will build upon the skills learned in LEGL 304W and LEGL 305. Students will refine their legal writing skills through critical thinking by integrating legal analysis, writing, and research. Plain English will also be discussed. Competency in computer assisted legal research is required.

Credit Hours: 3 hrs

Prerequisite: LEGL 304W and LEGL 305

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Previously Listed As: LEGL 306

Last Updated: Course Number and Description Change 05/2012, effective Fall 2012; Links 04/2011

LEGL 404 - Court Rules, Forms and Drafting Contracts

Study will be made of Michigan court rules and court forms commonly used in the Michigan court system. Students will do problems preparing court forms for a variety of legal actions. Students will also study contract law and learn to draft documents.

Credit Hours: 3 hrs

Prerequisite: LEGL 304W

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 405 - Civil Litigation, Investigation and Procedure I

A study of the law and litigation techniques in personal injury cases. Students will become acquainted with such torts as assault, battery, false imprisonment, defamation and strict product liability. Study will be directed particularly to the fields of negligence and medical malpractice.

Credit Hours: 3 hrs

Prerequisite: LEGL 404

Major Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 406 - Civil Litigation, Investigation and Procedure II

A comprehensive survey of civil litigation and procedure. The student will be introduced to every phase of litigation starting with the filing of the lawsuit through the appellate process. The student will be expected to draw up a complaint and a number of pleadings, as well as drafting interrogatories and digesting depositions. Legal investigations will be addressed.

Credit Hours: 3 hrs

Prerequisite: LEGL 405

Major Restrictions: Legal Assistant (Paralegal) majors only

Notes: A minimum grade of "C" is required.

Last Updated: Links 04/2011

LEGL 414 - Legal Assistance Center Clinical Experience

Student work at the Washtenaw County-Eastern Michigan University Legal Assistance Center providing legal assistance to people with basic legal problems. All student work must be done under attorney supervision, and students may not engage in activities that constitute the unauthorized practice of law.

Credit Hours: 3 hrs

Prerequisite: LEGL 211, LEGL 304W and LEGL 404; department permission

Concurrent Prerequisite: LEGL 311, LEGL 313 and LEGL 405

Major Restrictions: Legal Assistant (Paralegal) Majors only

Last Updated: Links 04/2011

LEGL 415 - Bankruptcy Law

A study will be made of the Federal Bankruptcy Code, with emphasis on Chapters 7, 11 and 13. Students will learn how to prepare the necessary papers for filing for bankruptcy.

Credit Hours: 3 hrs

Prerequisite: LEGL 304W

Last Updated: Links 04/2011

LEGL 416 - Legal Assistant Internship

Students work with law firms, courts, corporations, etc, for on-the-job training as a legal assistant. Each student will have a supervisor on the job and a faculty supervisor. The latter will consult with students individually or in a group meeting. A written report is required upon completion of the internship.

<http://www.emich.edu/cot/internships.htm>

Credit Hours: 3-6 hrs

Prerequisite: LEGL 211, LEGL 304W, LEGL 305, LEGL 404, LEGL 405 and permission of instructor; Must have completed required courses in the curriculum

Class Restrictions: Legal Assistant (Paralegal) Majors only

Notes: A minimum grade of "C" is required Where appropriate criteria are met; Cooperative education can be substituted for an internship.

Last Updated: Links 04/2011

LEGL 418 - Women and Law

A critical analysis how gender, as an element of the American legal system, impacts the lives of women. Major U.S. cases and state and federal laws will be evaluated and challenged as appropriate.

Credit Hours: 3

Prerequisite: One of the following: LAW 293, LEGL 211, PLSC 301, or WGST 200

Last Updated: 05/2006

LEGL 477 - Special Topics

An exploration and study of topics not covered in other program offerings. Student may elect more than once.

Credit Hours: 1 hr

LEGL 478 - Special Topics

An exploration and study of topics not covered in other program offerings. Student may elect more than once.

Credit Hours: 2 hrs

LEGL 479 - Special Topics

An exploration and study of topics not covered in other program offerings. Student may elect more than once.

Credit Hours: 3 hrs

LEGL 497 - Independent Study

Students pursue some special area of study or experimentation under the direction of a designated faculty member from the department.

Credit Hours: 1 hr

LEGL 498 - Independent Study

Students pursue some special area of study or experimentation under the direction of a designated faculty member from the department.

Credit Hours: 2 hrs

LEGL 499 - Independent Study

Students pursue some special area of study or experimentation under the direction of a designated faculty member from the department.

Credit Hours: 3 hrs

Public Safety

PS 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 285 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 286 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 287 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 387 - Cooperative Education

Credit Hours: 3 hrs

PS 442 - School Safety — Emergency Planning/Incident Command

Course provides analysis and strategies for educators in their response capabilities to school safety. Technical and natural disaster preparation, incident command system for educators, techniques for bomb searching, preparation for weapons of mass destruction and school shootings will be covered. Site security analysis will be applied.

Credit Hours: 3 hrs

PS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 04/2011

PS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 04/2011

PS 487 - Cooperative Education

Credit Hours: 3 hrs

PS 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 04/2011

PS 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 04/2011

School of Technology Studies

STS 150 - Understanding Technology

An introduction to the discipline of technology focusing on technological concepts and problems. Several technological systems and their dynamics, particularly as they relate to global issues and culture, will be examined.

Credit Hours: 3 hrs

STS 170L - Global Technologies (Gen Ed Area III)

Students analyze and synthesize information from diverse sources to explore how communications, energy and medical technologies influence cultural interactions. Students explore the issues of intolerance, along with historical, social and cultural differences and how they affect interactions with those cultures in order to make informed decisions.

Credit Hours: 3 hrs

Area III: Perspectives on a Diverse World

STS 170 Global Technologies [effective Winter 2008]

STS170 meets the general education requirement for Global Awareness by exploring the choices people made in the past and the choices today's students will have to make in the near future with regard to energy, medical and communication technology. Students analyze examples of the impact of technological change in energy and medicine and develop consideration for other cultures when making decisions. They apply the lessons learned from historical examples in energy technology and medical technology to emerging issues related to alternative energy and communication technology. After completing the course, students

should have a better understanding of the international impact of technological change and a better idea of how to anticipate and cope with changes caused by new technologies in ways that consider the effect of their choices on other cultures.

Last Updated: Links 09/2011

STS 201 - Microcomputer Applications in Technology

An introduction to microcomputers and their applications in technology. The course contains an introduction to word processing, spreadsheets, database management and their applications.

Credit Hours: 3 hrs

Prerequisite: basic keyboard skill is recommended

STS 202 - Disabled in the U.S.A. - Rights, Prejudice, Claims and Responsibilities

Examines responsibility of society from legal perspective towards persons with disabilities, including intensive examination of their rights in all aspects of society, their challenges and strategies for successful integration in diverse settings. Explores skills necessary to assist in protecting rights and assist in defending lawsuits filed by the disabled.

Credit Hours: 3 hrs

STS 224 - Solving Quantitative Problems in Technology (Gen Ed Area II)

Application of computer-based tools and procedures to the solution of mathematical problems encountered in technology.

Credit Hours: 3 hrs

Last Updated: Gen Ed Approval 10/2006, effective Winter 2007

STS 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

STS 285 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

STS 286 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

STS 287 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: Links 03/2011

STS 300W - Research and Writing: The Technology Career Perspective (Gen Ed Area I, W)

Focuses on research and writing in technology career fields. Students analyze documents, writing standards, and audiences. They integrate research findings to construct effective arguments. Genres include policies, procedures, reports, and presentations for the workplace and for community, professional, and governmental bodies. Assignments are customized to School of Technology Studies majors.

Credit Hours: 3 hrs
Prerequisite: ENGL 121
Class Restrictions: Junior standing

Last Updated: Links 03/2011

STS 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr
Prerequisite: Department permission
Last Updated: Links 03/2011

STS 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 387 - Cooperative Education

Credit Hours: 3 hrs

STS 420 - Women and Technology

This course surveys gender issues surrounding technology development, transfer and use. We will examine these issues from historical, contemporary and global perspectives.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Cross-Listed with: WGST 420

Last Updated: Graduate Credit 07/2011; Links 03/2011

STS 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 487 - Cooperative Education

Credit Hours: 3 hrs

STS 495 - Technology, Values, and the Future

The development of modern technological society: major breakthroughs in the physical and life sciences, the influence of some of these breakthroughs on technological development, the consequent shaping of new world views and, hence, values in contemporary and future societies. Interrelationships between technology and political, socioeconomic and environmental systems; the relationship between technology and values.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

STS 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

STS 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Simulation, Animation and Gaming

SAG 105 - Introduction to Simulation, Animation and Gaming

This course will be an overview of the software and hardware associated with simulation and gaming. It will also explore the creativity and development skills necessary. It is an introductory overview of the electronic game development process and underlines its history, content creation strategies and future trends in the industry.

Credit Hours: 3 hrs

SAG 155 - Illustrator

This course is an introduction of illustrator software features. This class prepares students with the aptitude to use an innovate process in order to produce artistic work for use in print, multimedia, and web creations. In addition, students will combine Illustrator with Adobe products to further enhance their media production abilities. Emphasis of the class will be on techniques, aesthetics and creative imagery for all medium types.

Credit Hours: 3 hrs

Last Updated: New Course, 11/2012, effective Winter 2013

SAG 175 - Graphics for Simulation I

This course is an introduction to the development of graphics for simulation. Students will develop skills involved in the principle of realistic graphics from a variety of views. The main focus will be on the comprehension and creation of accurate 2-dimensional graphics for use and development of 3-dimensional models.

Credit Hours: 3 hrs

SAG 225 - Graphics for Simulation II

In this course, students continue their application of graphics for construction and refinement of 3-dimensional models to develop a variety of high quality 3-dimensional objects. Students will develop a number of computer simulation applications using 3-dimensional graphic and beginning multimedia software.

Credit Hours: 3 hrs

Prerequisite: SAG 175

Last Updated: Links 04/2011

SAG 235 - Flash I

This course is an introduction to Flash software features. The main focus of the class will be on designing Flash projects, working with animation, creating interactive files and incorporating sound and video files. Students will be introduced to the techniques of optimization, publishing to the Web and ActionScript programming.

Credit Hours: 3 hrs

Prerequisite: CMT 131

Last Updated: Links 04/2011

SAG 245 - Story Development

This course examines how to create an engaging, effective story while relating the practical considerations of building a simulation, animation or game. Emphasis will be placed on traditional narrative development as well as interactive design necessary for game development. Techniques such as storyboarding and flow-charting for interaction are introduced.

Credit Hours: 3 hrs
Prerequisite: ENGL 121
Last Updated: Links 04/2011

SAG 255 - SAG Movement

Simulation, Animation and Gaming (SAG) Movement specifically teaches how humans, animals, insects, and microbes move in both realistic and SAG settings. SAG Movement involves project-based application and crossover of life science principles to simulation, animation and gaming contexts. It is required of SAG Majors but also open to student from other majors.

Credit Hours: 3 hrs
Prerequisite: SAG 105
Last Updated: New Course, 11/2012, effective Winter 2013

SAG 275 - Texturing and Mapping

This course focuses on learning the techniques and constraints used to create textures for 3-dimensional models and environments used in gaming and simulation. Through instruction and lab, this course provides basic principles, research tools, techniques and in-depth tutorials of texturing and mapping.

Credit Hours: 3 hrs
Prerequisite: CMT 205
Last Updated: Links 04/2011

SAG 285 - Studio I Simulation

This course is a practical survey covering the principles of simulation. Multimedia exercises are explored and students learn to use a variety of techniques to produce games and simulation situations using software, such as 3-D Max. Students will use their graphics skills to build 3-dimensional models and simulate them in different settings.

Credit Hours: 3 hrs
Prerequisite: SAG 225
Last Updated: Links 04/2011

SAG 295 - SAG Rigging

This course is an introduction of Character Rigging. This class prepares students with the aptitude to use industry standard processes in order to produce hierarchical bone structures to easily control three dimensional models. In addition, students will combine the knowledge gained from SAG Movement and Studio 1 further in the course to become more knowledgeable in 3D Studio Max. Emphasis of the class will be on techniques, workflows, naming conventions and organization of the rigging process.

Credit Hours: 3 hrs
Prerequisite: SAG 255 and SAG 285
Last Updated: New Course, 11/2012, effective Winter 2013

SAG 305 - Environment Design

This course focuses on the creation of virtual spaces and environments that you move through in games or simulations. Through instruction and tutorials, this course introduces the techniques used for creating detailed interiors, landscapes, cityscapes and

nature assets for those environments.

Credit Hours: 3 hrs

Prerequisite: SAG 285

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

SAG 325 - Principles of Animation

This course teaches the principles of animation and prepares students with the aptitude to use industry standard processes in order to produce visually realistic three dimensional animations using industry standard software. In addition, students will combine the knowledge gained from SAG movement and rigging in the course to become more knowledgeable in 3D studio Max. Emphasis of the class will be on techniques, workflows, theories and organization of the animation process.

Credit Hours: 3 hrs

Prerequisite: SAG 295

Last Updated: New Course, 11/2012, effective Winter 2013

SAG 335 - Flash II

The focus of this class is a continued study of Flash. In this class, the students will learn important steps using the illustrative tools of the software. Topics include techniques for drawing photorealistic vector illustrations for game art.

Credit Hours: 3 hrs

Prerequisite: SAG 235

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

SAG 355 - Lighting and Camera Techniques

This course covers the concepts, theoretical aspects and techniques necessary to create convincing digital lighting. Also covered are camera techniques to produce realistic and dramatic visual presentations and how to effectively utilize these in any simulation.

Credit Hours: 3 hrs

Prerequisite: CMT 205

Last Updated: Links 04/2011

SAG 365 - Flash III

This class advances the student's skills with Flash by using ActionScript to produce interactive games. The coding covered are the principles of animation, math and physics concepts, interaction from input devices, data collection, render methods and sound effects. Students in this class will produce and publish an animated game.

Credit Hours: 3 hrs

Prerequisite: SAG 335

Class Restrictions: Junior or Senior standing

Last Updated: Links 03/2011

SAG 375 - Studio II

A continued study of 3-dimensional graphics and multimedia software used for simulation. Students will advance their skills to create 3-dimensional simulation models in different realistic environments. Topics covered in this hands-on course include creating natural elements and special effects such as fire, earth, air and water.

Credit Hours: 3 hrs

Prerequisite: SAG 285

Class Restrictions: Junior or Senior standing

Last Updated: Links 04/2011

SAG 470 - Simulation and Animation Dynamics

This course focuses on a host of constraints used to create accurate physical relationships between rigid-body and soft-body objects for simulations and animation. The techniques taught are used to create high-speed simulations with interactions between multiple objects with control over mass, friction and elasticity.

Credit Hours: 3 hrs

Prerequisite: PHY 221

Class Restrictions: Junior or Senior standing

Last Updated: Links 03/2011

SAG 485 - Senior Projects in SAG

The application of simulation, animation and gaming techniques for the completion of a team based final project. Also covered will be a discussion of necessary skills for career success. Guest speakers and site visitations will be part of the class.

Credit Hours: 3 hrs

Prerequisite: SAG 470

Corequisites: Junior or Senior standing

Cross-Listed with: COSC 485

Last Updated: Links 03/2011

Staff and Command

SSC 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 285 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 286 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 287 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 387 - Cooperative Education

Credit Hours: 3 hrs

SSC 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

SSC 487 - Cooperative Education

Credit Hours: 3 hrs

Technology Education

TEDU 104 - Modeling, Automation, and Energy

A middle school approach demonstrating how to excite students with hands-on Science-, Technology-, Engineering-, and Mathematics-related (STEM) activities. Future teachers will discuss, demonstrate and develop hands-on units of study surrounding design and modeling, automation and robotics, and power and energy. Safety practiced while developing teaching skills.

Credit Hours: 3 hours

Last Updated: New Course 08/2011, effective Fall 2011

TEDU 105 - History of Industrial Technology

An introduction to the history of industrial technology. The development of industry and its impact on the other arts and culture in general. Basic principles of design in industrial and home arts, and the eotechnic, paleotechnic, neotechnic and atomic periods of technology.

Credit Hours: 3 hrs

TEDU 106 - Processing Technology

An introduction to tools, materials, and processes and their application to discrete and integrated systems of technology. Interrelationships between humans and machines will be studied to develop the student's ability to transfer knowledge of processes from one environment to the other.

Credit Hours: 3 hrs

TEDU 107 - Flight, Electronics, and Science of Technology

A middle school approach demonstrating how to excite students with hands-on Science-, Technology-, Engineering-, and Mathematics-related (STEM) activities. Future teachers will discuss, demonstrate and develop hands-on units of study surrounding flight, electricity/electronics, and science of technology. Safety practices while developing teaching skills.

Credit Hours: 3 hrs

Last Updated: New Course 03/2012

TEDU 114 - Information and Control Technology

Access, manage and control information and technology through the application of technological systems. Design and construct models, devices and mechanisms that will process information and control technology through the use of machines and humans.

Credit Hours: 3 hrs

TEDU 152 - Arts and Crafts

Experience in design and use of a wide variety of craft materials. A vocational and recreational use of craft media.

Credit Hours: 3 hrs

TEDU 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 246 - Safety in Technology and Vocational Education

Safety, health and environmental factors and their implications for technology and vocational educators, students, laboratories and instructional programs.

Credit Hours: 2 hrs

TEDU 250 - Foundations of Technology, Vocational, and Engineering Teacher Education

An introduction to the foundations and implementations of technology, vocational and engineering teacher education. Past, present, and future developments in the profession will be studied through lectures, discussions, seminars, micro-teaching, school visitations, and pre-student teaching activities.

Credit Hours: 3 hrs

Last Updated: Title and Course Description Change 11/2011, effective Winter 2012

TEDU 253 - Technology Education for Children

Content and methods which enable the elementary teacher to assist children in learning about the concepts, processes, systems and impacts of technology. Individual and group laboratory activities involve applications of technology with other subject areas through problem solving experiences.

Credit Hours: 3 hrs

TEDU 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 345 - Teaching Energy and Transportation in Technology and Engineering Teacher Education

Forms, sources, and uses of past, present, and future energy and transportation systems and their relationships to technology and engineering. Description of technology and engineering systems that transform, transmit, store, control and/or utilize energy and/or transportation. Other topics include principles of engineering conservation, and K-12 education instructional methods.

Credit Hours: 3 hrs

Prerequisite: TEDU 340, PHY 221, PHY 222

Previously Listed As: TEDU 118 - Energy and Transportation Technology

Last Updated: Number/Title/Description/Prerequisite Change 12/2011, effective Winter 2012.

TEDU 350 - Curriculum in Technology, Vocational, and Engineering Teacher Education

Curriculum bases, the derivation of content, the formulation of objectives, the selection and organization of learning activities, and the selection and development of procedures for evaluating K-12 education technology, vocational, and engineering students and programs.

Credit Hours: 3 hrs

Prerequisite: TEDU 250

Major Restrictions: Admission to the College of Education

Last Updated: Title/Course Description/Prerequisite Change 11/2011, effective Winter 2012; Links 03/2011

TEDU 354 - Experiences in Technology for Children

Laboratory experiences in the use of materials, tools, processes and products of industry as utilized in the elementary and middle school. Emphasis is on individual and group learning situations relevant to integrated curriculum activities.

Credit Hours: 2 hrs

Prerequisite: TEDU 253

Last Updated: Links 03/2011

TEDU 355 - Seminar in Technology for the Elementary School

Practical experiences in integrating concepts of technology with existing elementary and special education curricula. Students will design, conduct and evaluate manipulative activities for and with children.

Credit Hours: 2 hrs

Prerequisite: TEDU 354

Last Updated: Links 03/2011

TEDU 358 - Tools and Materials

Experiences in the use of selected tools, machines and materials following contemporary therapeutic practices in occupational therapy and related professions.

Credit Hours: 3 hrs

Lecture/Lab Hours: Lecture: two hours per week. Laboratory: two hours per week.

TEDU 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 387 - Cooperative Education in Technology Education

Technology education majors will be placed on a job that relates to their primary area of study for one semester. During this period regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: Department permission

Major Restrictions: Technology Education Majors only

Notes: Offered on a credit/no-credit basis.

Last Updated: Links 03/2011

TEDU 450 - Capstone in Technology and Engineering Teacher Education

A capstone experience in the components of the technology and engineering education curriculum. Student applies problem-solving and engineering techniques to arrive at solutions to technological and engineering problems.

Credit Hours: 3 hrs

Prerequisite: TEDU 350

Last Updated: Course Revision 11/2011, effective Winter 2012; Links 03/2011

TEDU 452 - Principles of Vocational Education

Concepts and principles of vocational education; current issues in vocational education in Michigan.

Credit Hours: 3 hrs

Prerequisite: TEDU 350

Last Updated: Links 03/2011

TEDU 460 - Methods of Teaching Technology, Vocational, and Engineering Education

Direct involvement in solving teaching and learning problem in K-12 technology, vocational, and engineering education. Emphasis upon developing appropriate strategies for managing the classroom and laboratory environments.

Credit Hours: 3 hrs

Prerequisite: TEDU 350

Class Restrictions: Junior or Senior standing only

Last Updated: Title and Course Description Change 11/2011, effective Winter 2012; Links 03/2011

TEDU 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 487 - Cooperative Education in Technology Education

The second in a two-course sequence for technology education majors. The students will be placed on a job that relates to their primary area of study for one semester. Regular employee benefits may be received.

Credit Hours: 3 hrs

Prerequisite: TEDU 387 and Department permission

Major Restrictions: Technology Education Majors only

Last Updated: Links 03/2011

TEDU 497 - Directed Study—Technology Education

Available to select students who have demonstrated ability to profit from a directed study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser-chair.

Credit Hours: 1 hr

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 498 - Directed Study—Technology Education

Available to select students who have demonstrated ability to profit from a directed study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser-chair.

Credit Hours: 2 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

TEDU 499 - Directed Study—Technology Education

Available to select students who have demonstrated ability to profit from a directed study project. Intensive study of a problem appropriate to the student's area of concentration. Enrollment and selection of a project proposal must be approved by the department adviser-chair.

Credit Hours: 3 hrs

Prerequisite: Department permission

Last Updated: Links 03/2011

Technology Management

TM 130 - Introduction to Technology Management

This course will provide the student with an understanding of technology management issues and introduce them to the necessary aspects required to manage a technological enterprise.

Credit Hours: 3 hrs

TM 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

TM 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

TM 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

TM 212 - The Management of Technological Change

The implementation of new technology within organizations often requires substantial changes in organizational, group and individual work processes. This course will present change frameworks that enhance the effectiveness and efficiency of technology change and implementation. It will integrate materials from several disciplines including organizational development, management, industrial engineering and organizational science.

Credit Hours: 3 hrs

TM 277 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

TM 278 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

TM 279 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

TM 285 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 1 hr

Prerequisite: department permission

TM 286 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 2 hrs

Prerequisite: department permission

TM 287 - Pre-Professional Internship

One semester of practical, on-the-job work experience and training at select on-campus or off-campus facilities.

Credit Hours: 3 hrs

Prerequisite: department permission

TM 306 - Quantitative Analysis of Sustainability Issues (Gen Ed Area II)

Quantitative analysis of issues and technologies related to sustainable use of limited resources such as energy, fresh water, arable land, forests, and clean air. Students extrapolate resource usage and population trends, make numerical comparisons of alternative technologies, interpret statistical studies, analyze raw data, and compare costs of implementation using financial models that

predict cash flow and payback.

Credit Hours: 3 hrs

Prerequisite: One of the following: MATH 104 with a grade of "C" or higher, or an ACT math score of 23 or higher, or an SAT math subscore of 580 or higher, or an EMU CLM placement score of 53 or higher, or MATH 110, or MATH 110E, or any other course that satisfies Quantitative Reasoning requirement.

Class Restrictions: Junior standing or higher

Area II: Quantitative Reasoning

TM 306 Quantitative Analysis of Sustainability Issueses

Transitioning from a dramatically increasing world population that is using diminishing natural resources into a stable, sustainable society is one of the most important challenges facing human kind in this century. The future availability of limited resources such as energy, food, fresh water, and clean air will depend on what technologies we choose to use and understanding the results of those choices. Most discussions about creating a sustainable society use qualitative reasoning to set appropriate goals but this is only the first step. To implement those goals, it is vitally important to choose appropriate technologies. This course applies the tools of quantitative reasoning to the choices that must be made between competing technologies to achieve those goals with our limited financial resources in the time we have available.

Last Updated: Gen Ed Approval 03/2012, effective Fall 2012; New Course 02/2012

TM 308 - Seminar in Technological Impacts

An undergraduate-level introduction to technology assessment. Development of skills related to forecasting technological inventions and assessing their effect if adopted by society.

Credit Hours: 3 hrs

TM 311 - Information Technology Management and Organizations

This course will introduce the student to the varying aspects of information technology management in organizations. Emphasis will be placed on the technical and organizational foundations of information systems along with contemporary approaches to building and managing information systems and their respective support systems.

Credit Hours: 3 hrs

Class Restrictions: Junior standing or proficiency exam only

TM 314W - A Socio-Technical Systems Approach to Process Improvement (Gen Ed Area I, W)

The purpose of this course is to describe an approach to process improvement that integrates technical aspects of industrial engineering with social psychological dimensions of work processes. The course will delineate ideas for strategically incorporating technology levers into plans for improving work processes on an individual and work group level.

Credit Hours: 3 hrs

Concurrent Prerequisite: TM 130

TM 314W A Socio-Technical Systems Approach to Process Improvement is a writing intensive course designed to equip Technology Management graduates with those writing skills which are peculiar to the goals and directives peculiar to process improvement. As our graduates move into the workplace they will find themselves writing documents intended for both internal and external audiences, such as procedure and policy papers, white papers (or other authoritative reports), interdepartmental memos, business letters, professional emails and written proposals. Graduates will not only be expected to have a working knowledge of the syntactical standards for such documents, but also with the structure and conventions that said documents will

be expected to satisfy. In TM 314W you will learn to tailor your writing to meet the demands and expectations of specific audiences, research topics that are relevant to the field, and build and deliver persuasive arguments relating to process improvements.

Last Updated: Gen Ed Approval 05/2011, effective Fall 2011

TM 377 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

TM 378 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

TM 379 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

TM 387 - Cooperative Education

Credit Hours: 3 hrs

TM 402 - Technology Project Management

A study of the core subjects of project management as they relate to the management of technology-oriented projects using communication technologies that enable virtual teams to function in a global work environment.

Credit Hours: 3 hrs

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011

TM 415 - Senior Seminar in Technology Management

This course will allow students to synthesize the structure and procedures of strategic management and project management. The course will integrate the ideas and information presented in other courses within the technology management concentration core. Students will demonstrate their ability to integrate information ascertained from previous classes within a capstone project.

Credit Hours: 3 hrs

Prerequisite: TM 130

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Last Updated: Graduate Credit 07/2011; Links 06/2011

TM 477 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

Prerequisite: department permission

TM 478 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

Prerequisite: department permission

TM 479 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

Prerequisite: department permission

TM 487 - Cooperative Education

Credit Hours: 3 hrs

TM 497 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 1 hr

Prerequisite: department permission

TM 498 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 2 hrs

Prerequisite: department permission

TM 499 - Independent Study

Advanced study on an individual basis in areas in which the department does not offer a formal course.

Credit Hours: 3 hrs

Prerequisite: department permission

Academic Affairs Programs and Courses

Academic Programming

Pre-Professional Studies

Pre-Architecture Program

This program is designed for students who wish to transfer to an architecture program at another university. Students are strongly advised to consult with an adviser as soon as possible to select courses and to review admission requirements to architectural school. Typically, a student will transfer to an architectural school after a maximum of two years. Department advisers at EMU maintain contact with universities that offer related four-year programs in order to maximize the value of the transfer program of study at the University to other universities. Students planning to transfer to four-year programs should not complete EMU's general education requirements.

Required Courses: 58 hours

- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- CHEM 117 - Fundamentals of Chemistry-Lecture (Gen Ed Area IV) 3 hrs
- CHEM 118 - Fundamentals of Chemistry Laboratory (Gen Ed Area IV) 1 hr
- COSC 111 - Introduction to Programming 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- HIST 123 - The United States to 1877 (Gen Ed Area IV) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- PHIL 130 - Introduction to Logic 3 hrs
- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs

One course from the following:

- PLSC 112 - American Government (Gen Ed Area IV) 3 hrs
- PLSC 113 - American Government Honors (Gen Ed Area IV) 3 hrs

Two Literature courses: 6 hours

Recommended Courses (course may not transfer): 2 hours

- CNST 125 - Introduction to Construction 2 hrs

Pre-Dentistry

Most students select either a chemistry major and biology minor or a biology major and chemistry minor as preparation for admission to dental school. The exact requirements for a particular dental school can be found in the publication *Admission Requirements of U.S. and Canadian Dental Schools*, available in the office of the pre-dentistry adviser.

The majority of pre-dental students complete four years of undergraduate work, earning a B.S. degree. Since admission to dental school is very competitive, it is recommended that alternative career plans be a part of every pre-dental student's program.

Students seeking admission to dental school take the Dental Aptitude Test, usually late in the junior year or early in the senior year. Application is generally made between August and December for the class beginning the following fall. Virtually all dental schools require the use of a central agency, the American Association of Dental Schools Application Service, when applying for admission.

Science courses required for admission into most dental schools are listed below. Careful scheduling will allow the student to complete these courses in three years.

Adviser Information:

Program Adviser: Gregg Wilmes

Phone: 734.487.0106

Email: gwilmes@emich.edu

Required Courses: 34 hours

**see note*

- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Notes:

Introductory courses in histology or human physiology, biochemistry and microbiology are recommended. One year of English composition/ literature. On course in sociology, psychology or anthropology.

Dental Hygiene and Dental Assisting

Eastern Michigan University offers no degrees or certificates in these areas. Two-year certificates and four-year degree programs are available at the University of Michigan, Ferris State University and the University of Detroit-Mercy. Two-year programs also are available at numerous community colleges.

Students interested in these programs should plan on transferring after completing their freshman year at EMU. Liberal arts preparation in English composition, speech, chemistry (CHEM 117/118 Fundamentals of Chemistry with lab), psychology, sociology and political science, plus electives in social science, natural science and humanities, generally will be transferable. More specific descriptions of requirements should be obtained by writing to the schools in question since requirements vary from school to school.

Pre-Engineering Program

This program is a two-year program designed for the student who wishes to transfer to an engineering program at another University. Students are strongly advised to consult with the engineering school to which they plan to transfer for specific requirements. Courses taken may apply to other majors at the University if the student chooses to remain on campus to complete a bachelor's degree.

Pre-engineering advisers in the department maintain contact with universities that offer related four-year programs in order to maximize the value of the transfer program of study at the University to other universities. Currently we offer a formal program with the University of Detroit-Mercy and transfer agreements with the University of Michigan in Ann Arbor and the University of Michigan in Dearborn.

An active articulation agreement exists between this program and a community college. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

Required Mathematics Courses: 18 hours

- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs
- MATH 121 - Calculus II 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 223 - Multivariable Calculus 4 hrs
- MATH 325 - Differential Equations 3 hrs

Required Physics Courses: 18 hours

- PHY 223 - Mechanics and Sound (Gen Ed Area IV) 5 hrs
- PHY 224 - Electricity and Light 5 hrs
- PHY 229 - Strength and Elasticity of Materials 4 hrs
- PHY 230 - Engineering Dynamics 4 hrs

Other Required Courses: 16 hours

- One literature course (3 hrs)
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- COSC 246 - Programming in C++ 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs

Electives: 15 hours

**see note*

- More than three credit hours of computer science courses
- More than three credit hours of literature courses
- More than three credit hours of humanities courses
- More than three credit hours of social science courses
- Other courses with consultation
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 341 - Fundamentals of Material Science 3 hrs
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- ECON 202 - Principles of Microeconomics (Gen Ed Area IV) 3 hrs
- ENGL 225 - Writing in a Changing World 3 hrs
- PHY 360 - Heat and Thermodynamics 4 hrs
- PHY 370 - Introduction to Modern Physics 3 hrs
- PHY 456 - Electronics for Scientists 4 hrs
- PHY 471 - Atomic and Nuclear Physics 3 hrs
- PHY 485 - Fluid Dynamics 3 hrs

Note:

All electives should be chosen in consultation with a pre-engineering adviser. Every engineering program has different requirements. Different fields in engineering (mechanical, electrical, nuclear, chemical, civil, aerospace, environmental, etc) requires different courses. Meeting with a pre-engineering adviser to develop a plan of study will maximize the value of your transfer program.

Pre-Law

Most law schools require a bachelor's degree and evidence of potential for law school as measured by grade point average and the results of the Law School Admission Test (LSAT). In addition, most law school admission officers emphasize the importance of a broad academic background and the development of analytical and communication skills. The Department of Political Science provides counseling for prelaw students, LSAT registration, and application materials and catalogs from many law schools throughout the country.

Because law schools typically do not require specific courses for admission or identify any particular major or curriculum as preferable, it is necessary for prelaw students to plan their own academic programs. Given the increasing competitiveness of admission to law school, it is important that great care be exercised in selecting a program of study appropriate to a legal career and in maintaining a high level of academic performance. It is also prudent to choose a program that will provide a suitable alternative career.

The majors most commonly selected by prelaw students are political science, economics, history and sociology. Other frequent choices include English language and literature, communications, psychology, philosophy and business administration. Although less numerous, students with majors in mathematics, the natural sciences, foreign languages, music, and art also enter law school to enhance their career potential.

Whatever major and minor combination is chosen, attention also should be given to the selection of appropriate elective courses. Generally, any challenging course that will facilitate mastery of the use of language, develop critical understanding of human values and institutions, or contribute to the capacity for independent and creative thinking is likely to be useful. Among specific

courses that are often recommended by prelaw advisers are advanced English composition, persuasive speech, logic and accounting. Mathematics and science courses are frequently cited as helpful in developing needed analytical skills.

Prelaw students who desire to gain greater insight into the law and legal procedures, and law school approaches to legal studies, may choose from a broad range of courses offered by the Departments of Political Science, Sociology, Economics, History and Philosophy, and Marketing. The major and minor in public law and government, offered by the Department of Political Science, provides a firm foundation on which to build a career in law.

Adviser Information:

Program Adviser: Dr. Barry Pyle
Phone: 734.487.3113
Email: bpyle@emich.edu

Pre-Medicine (Allopathic and Osteopathic), Pre-Veterinary, and Pre-Chiropractic, Pre-Optometry and Pre-Podiatry

Students planning on pursuing a career in the medical field can complete course requirements at EMU for admission to medicine, optometry, podiatry, veterinary and chiropractic programs. For information on these programs, see the advising coordinator.

While medical schools do not prescribe a premedical curriculum, they expect a thorough understanding of modern concepts in biology, chemistry and physics, and all value mathematical competence, with some specifying a course sequence in mathematics. Most pre-medical students, therefore, select a major in one of these areas, although this is not mandatory. Students should earn the bachelor's degree prior to admission to medical school.

An important admission requirement for most medical schools, the Medical College Admission Test (MCAT), is given in April and August in various centers throughout the nation. This test should be taken after prerequisites in biology, chemistry and physics are completed, typically during the junior year.

Each allopathic and osteopathic medical school establishes its own admission requirements. The course requirements are similar but differ enough so that students should consult the catalogs of the schools in which they are interested. The latest edition of *Medical School Admission Requirements*, available at the reference desk of Halle library and in the pre-medicine adviser's office, should be consulted. The introductory chapters of this book should be read by every prospective medical student.

If students electing the pre-medicine sequence are not achieving at least a 2.75 GPA (overall and in their major), their chances of acceptance by a medical school are minimal, and they should plan their programs so that other professional or vocational goals are possible.

The following programs have articulation agreements with the colleges listed below. For more information, please contact the department head or the Office of Community College Relations at 229 Rackham Hall, 487.6577. To see a complete list of current colleges with program articulation agreements with EMU, please [click here](#).

B.S. Pre-Chiropractic — Logan University

Adviser Information:

Program Adviser: Michael Angell
Phone: 734.487.4242
Email: mangell@emich.edu

General Requirements: 60 hours

Students planning to apply for admission to a medical school should plan their schedule to include the following general requirements:

- Elective in English language or literature (3 hrs)
- Sociology and psychology courses (8 hrs)
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (Gen Ed Area I, W) 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- CHEM 451 - Biochemistry I 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- PHY 221 - Mechanics, Sound and Heat (Gen Ed Area IV) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

First Year-Pre-Medicine: 27-39 hours

Because of the nature of the premedical program, if the student is a biology or chemistry major it is almost mandatory to follow the first year as patterned below.

First Semester: 13-19 hours

- Mathematics (2-4 hrs)
**see note
- General education (2-6 hrs)
- BIO 110 - Introductory Biology I (Gen Ed Area IV) 5 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr

Second Semester: 14-20 hours

**see note*

- Mathematics (2-4 hrs)
**see note
- General education (3-7 hrs)
- BIO 120 - Introductory Biology II 5 hrs
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr

Notes:

* Prior to registering for the second semester, the student should see the premedical coordinator.

** *Students with one to two years of less than high-level algebra take MATH 105 - College Algebra (Gen Ed Area II). Students with only one year of algebra take MATH 104 - Intermediate Algebra, followed by MATH 105. Students without trigonometry take MATH 107 - Plane Trigonometry. Although students may need to take MATH 104, MATH 105 or MATH 107 these courses do not satisfy general education requirements. Students must still complete a mathematics course from the list of approved mathematics courses; biology majors will satisfy both general education and biology major requirements by taking MATH 120.*

Pre-Mortuary Science

The pre-mortuary science program requires two academic years. Before entering the professional mortuary school, the student must complete at least 60 hours of college work that includes the following science and mathematics courses:

Adviser Information:

Program Adviser: Heather Holmes

Phone: 734.487.0106

Email: hholmes1@emich.edu

Recommended Courses

- BIO 105 - Introductory Biology for Non-majors (Gen Ed Area IV) 4 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- MATH 104 - Intermediate Algebra 3 hrs
Another mathematics elective may be substituted.
- PHY 101 - Physical Science in the Arts (Gen Ed Area IV) 4 hrs

Recommended Elective Courses

The Board of Examiners in Mortuary Science recommends the following courses for elective hours. They include behavioral sciences, business, counseling, first aid and public speaking.

- ACC 240 - Principles of Financial Accounting 3 hrs
- COUN 450 - An Introduction: Counseling Concepts and Skills 3 hrs
- CTAC 124 - Foundations of Speech Communication (Gen Ed Area I) 3 hrs
- CTAC 225 - Listening Behavior (Gen Ed Area IV) 3 hrs
- CTAC 226 - Nonverbal Communication (Gen Ed Area IV) 3 hrs
- CTAC 227 - Interpersonal Communication (Gen Ed Area IV) 3 hrs
- ECON 200 - The American Economy 3 hrs
- ECON 201 - Principles of Macroeconomics (Gen Ed Area IV) 3 hrs
- HLED 210 - Standard American Red Cross First Aid 2 hrs
- LAW 293 - Legal Environment of Business 3 hrs

- MKTG 360 - Principles of Marketing 3 hrs
- MKTG 363 - Retailing 3 hrs
- PSY 225 - Psychology of Religion 3 hrs
- PSY 323 - Psychology of Human Aging 3 hrs
- SOCL 105 - Introductory Sociology (Gen Ed Area IV) 3 hrs
- SOCL 311W - Aging and the Life Course (Gen Ed Area I, W) 3 hrs

Pre-Pharmacy

Two years of college work (60 transferable hours, including the courses listed below) are required for admission to a professional school of pharmacy. Some schools have additional required or recommended courses.

Programs in pharmacy require two to four additional years of study after acceptance into the program. Clinical experience is required for some, especially doctoral programs. These are minimal requirements. To be competitive for some pharmacy programs, students may need to complete a bachelors program. It is strongly advised that students contact pharmacy schools directly to determine whether additional coursework and PCAT exam scores are required.

Adviser Information:

Program Adviser: Tim Friebe

Phone: 734.487.0106

Email: tfriebe@emich.edu

Recommended Courses

- One biology course with a lab (Some schools require additional courses.)
- Two social science courses
- Two humanities courses (two foreign language courses may be substituted.)
- BIO 328 - Introductory Microbiology 3 hrs
- CHEM 121 - General Chemistry I (Gen Ed Area IV) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (Gen Ed Area IV) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- CHEM 371 - Organic Chemistry I 3 hrs
- CHEM 372 - Organic Chemistry II 3 hrs
- CHEM 373 - Organic Chemistry Laboratory 2 hrs
- ENGL 121 - Composition II: Researching the Public Experience (Gen Ed Area I) 3 hrs
- MATH 120 - Calculus I (Gen Ed Area II) 4 hrs

Academic Programming

SABR 177 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 1 hr

SABR 178 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 2 hrs

SABR 179 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 3 hrs

SABR 277 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 1 hr

SABR 278 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 2 hrs

SABR 279 - Special Topics

A single topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 3 hrs

SABR 377 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 1 hr

SABR 378 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 2 hrs

SABR 379 - Special Topics

One topic is covered each semester, selected as the interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 3 hrs

SABR 477 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 1 hr

SABR 478 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 2 hrs

SABR 479 - Special Topics

A single topic is covered each semester, selected as interest and/or problems change. Students may elect this course several times, provided different topics are studied.

Credit Hours: 3 hrs

SABR 480 - Special Topics

Credit Hours: 4 hrs

Last Updated: New Course 08/2011, effective Fall 2011

SABR 490 - Special Topics

Credit Hours: 8 hrs

Last Updated: New Course 08/2011, effective Fall 2011

UNIV 100L - Introduction to the University (Gen Ed Area V LBC)

This course facilitates students' successful transition to college. Students learn to navigate the University system and to identify and develop strategies for enhancing their learning. Through academically-engaging activities that connect the classroom to the EMU community, students learn how to live and learn in a multicultural environment.

Credit Hours: 1 hr

Last Updated: 11/2006

UNIV 101L - Introduction to the University (Gen Ed Area V LBC)

Restricted to first-time entering freshman and first semester transfer students. This course provides students the information and skills that help make the transition to college more successful. Students learn how to successfully manage the university system,

what study techniques can enhance their grades, and how to live and learn in a multicultural environment. In addition, the classes are small and allow students to develop individual relationships with the faculty/staff teaching team members and other students in the class. This class prepares students for success at EMU and beyond.

Credit Hours: 3 hrs

Class Restrictions: First Term Freshman Only

UNIV 101L extends the orientation experience for first-year students. The course helps students learn and use the skills and sensibilities of successful college students, in and out of the classroom. The course connects students with themselves, others holding a stake in their success, and the University. Students make these connections by completing a variety of assignments involving writing, reading, and learning skills, as well as interviewing and public speaking. In addition, this course satisfies the requirements in Area V: Life Beyond the Classroom by requiring students to participate in at least four cultural and/ or academic events sponsored by an EMU organization.

Last Updated: Links 04/2011

Creative Scientific Inquiry Experience

CSIE 150L - Cyanobacteria in Ford Lake/ Huron River Watershed (Gen Ed Area V LBC)

The focus of the course is an Academic Service-Learning project to characterize the genotype, and conditions for growth of potentially harmful cyanobacteria in Southeast Michigan waterways.

Credit Hours: 1 hr

Corequisites: BIO 110, CHEM 121 and CHEM 122

Last Updated: Links 03/2011

CSIE 177 - Five Miles to Clean Water

Students will investigate various methods for providing clean drinking water in rural developing countries. Challenges include drilling down to the water table, bringing water from miles away, filtering out infectious/toxic contaminants, and water storage. Students will also conduct patent searches and build scaled down models of such devices as the Play Pump, Sono arsenic filter, and the Hippo Water Roller.

Credit Hours: 1 hr

Corequisites: MATH 121 and PHY 223

Last Updated: Links 04/2011

CSIE 177 - Inconvenient Truths

Students will evaluate science topics for clarity, accuracy and misleading information using a variety of media sources including science periodicals, TV, and the internet. Students will prepare PowerPoint presentations for the public or a conference-quality poster to communicate complex information and research findings from the Great Lake Environmental Research Laboratory to the general public.

Credit Hours: 1 hr

Corequisites: CTAC 124, CHEM 117 and CHEM 118

Last Updated: Links 04/2011

CSIE 177 - Super-powered Applications for Elementary Math and Physics

CSIE students will learn how to integrate physics and mathematics content and demonstrate applications through hands on classroom experiences and experiments.

Credit Hours: 1 hr

Corequisites: MATH 108 and PHY 100

Last Updated: Links 04/2011

CSIE 177L - Groundwater Studies (Gen Ed Area I, W)

This course provides students that aspire to be professional scientists with an opportunity to participate in a real-world, environment-based scientific investigation while still at a very early stage of their studies. Investigations will be conducted in collaboration with a local government agency and will focus on sites in southeast Michigan.

Credit Hours: 1 hr

Concurrent Prerequisite: ESSC 110 or BIO 110 or CHEM 121

Last Updated: Links 04/2011

CSIE 277 - Coaching Science Olympiad

This special CSIE seminar trains EMU students to become effective Science Olympiad Coaches and to assist area 6th – 12th grade teams. Science Olympiad is an extra-curricular program with regional, state and national competitions.

Credit Hours: 1 hr

Corequisites: Enrollment in Phase I Content Methods, Literacy and Technology

Last Updated: Course type 07/2011

CSIE 277 - Digitized Motion Studies

In this cluster, calculus and physics students will apply such principles as vector analysis, integrals, velocity, and Newtonian laws to model real-life scenarios. Students analyze digital videos using sophisticated graphing programs to visualize 3-dimensional motion in 2-dimensional equations.

Credit Hours: 1 hr

Corequisites: PHY 223 and MATH 121

Last Updated: Links 04/2011

CSIE 277 - Indicator Species- Stoneflies Search for Huron River Watershed and Friends of Rouge River

This course is intended to complement and integrate the material covered in both BIO120 Introductory Biology II and CHEM 123/124 General Chemistry II. The course will include participation in the Friends of the Rouge's (FOTR) Annual Stonefly Search as an integral academic service-learning project.

Credit Hours: 1 hr

Last Updated: Course type 07/2011

CSIE 377 - Brownbag Organic Analysis

This seminar course will explore relationships between organic chemistry and quantitative analysis, focusing on thermodynamic properties such as pH and pKa, and structures and functions of relevant organic molecules such as indicators for titrations and

analytes.

Credit Hours: 1 hr

Corequisites: CHEM 281 and CHEM 371

Last Updated: Links 04/2011

CSIE 377 - Modeling Concrete Mechanical Systems using MATLAB

An interdisciplinary course on the connections between classical mechanics and differential equations. The seminar will explore the mathematical modeling of various concrete mechanical systems using differential equations and software.

Credit Hours: 1 hr

Corequisites: MATH 325 and PHY 330

Last Updated: Links 04/2011

Study Abroad

SABR 470 - Study Abroad at JCMU -Japan (NEW COURSE)

Credit Hours: 13

Last Updated: New Course 8/2012

SABR 471 - Study Abroad at JCMU -Japan (NEW COURSE)

Credit Hours: 14

Last Updated: New Course 8/2012, effective Winter 2013

SABR 472 - Study Abroad at Tokyo Gakugei University-Japan (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Winter 2013

SABR 473 - Study Abroad at Tokyo Gakugei University (GEN)-Japan (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Fall 2012

SABR 474 - Study Abroad at Kansai Gaidai-Japan (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Fall 2012

SABR 475 - Study Abroad at University Of Derby-United Kingdom (NEW COURSE)

Credit Hours: 12

Last Updated: New Course 8/2012, effective Fall 2012

SABR 476 - Study Abroad at Oxford Brooks University-United Kingdom (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Fall 2012

SABR 481 - Study Abroad at ICN Business School-France (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Winter 2013

SABR 482 - Study Abroad at Universite Catholique de L'Ouest-France (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Winter 2013

SABR 483 - Study Abroad at RUGroningen (FA)-The Netherlands (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Winter 2013

SABR 484 - Study Abroad at RUGroningen (FEB)-The Netherlands (NEW COURSE)

Credit Hours: 15

Last Updated: New Course 8/2012, effective Winter 2013

SABR 485 - Study Abroad at JLU Giessen-Germany (NEW COURSE)

Credit Hours: 14

Last Updated: New Course 8/2012, effective Winter 2013

SABR 486 - Study Abroad at Korea University, Sejong-Korea (NEW COURSE)

Credit Hours: 12

Last Updated: New Course 8/2012, effective Winter 2013

SABR 491 - Study Abroad at University of Derby (NEW COURSE)

Credit Hours: 16

Last Updated: New Course 8/2012, effective Winter 2013

SABR 492 - Study Abroad at Curtin University (NEW COURSE)

Credit Hours: 12

Last Updated: New Course 8/2012, effective Winter 2013

SABR 493 - Study Abroad at CC-CS, Alicante, Spain

Students that opt for this course of study attend classes alongside other international students for whom Spanish is not their first language.

Designed as a language-intensive program at the intermediate to advanced Spanish levels, you will benefit from a rich language-

focused curriculum, taught by professors at *Universidad de Alicante* (UA). Spanish Studies students in this program also benefit from a unique culture course taught by the Resident Director called Social & Cultural Realities of Spain. This course allows you to synthesize your immersion experience from understanding daily life in the home stay to the historic and sociological foundations of Spain's current social reality.

Credit Hours: 18 hrs

Last Updated: New Course, 12/2012, effective Winter 2013

SABR 495 - Study Abroad, Novancia, Paris-France

The courses taken at the Novancia Business School appear on the EMU transcript as EMU courses. Students may select courses to count towards a major, minor or General Education requirements, with approval from the appropriate department. Students may attend for one or two semesters.

Credit Hours: 15 hrs

Last Updated: New Course, 11/2012, effective Winter 2013

SABR 496 - Study Abroad at CC-CS, Alicante, Spain

Credit Hours: 16 hrs

Last Updated: New Course, 12/2012, effective Winter 2013

SABR 497 - Study Abroad at JLU-Giessen, Germany

Credit Hours: 16 hrs

Class Restrictions: 3.0 GPA, and sophomore standing or above with completion of at least two semesters of study at EMU prior to departure.

Major Restrictions: Priority is given to German Language Majors.

Last Updated: New course 1/2013; effective Winter 2013

Other Courses

SABR 494 - Study Abroad, EMU-Oxford Program-UK

Eastern Michigan University operates an integrated academic study abroad program in Oxford. The EMU Oxford Program places students into one of a number of Oxford Colleges, including; Christ Church, Hertford College, New College, and St. Catherine's College.

Instruction is provided by Oxford University faculty and is based on the same individualized tutorial system that makes Oxford University one of the most distinguished educational institutions in the world. With on-campus advisers and on-site staff in Oxford, EMU ensures a unique and challenging academic experience. The staff in the office of Academic Programs Abroad are your first point of contact and can answer all your questions. The Oxford staff conducts an on-site orientation, coordinates housing and excursions, as well as works closely with faculty and advisers from many Oxford University Colleges to assure a high quality personal and academic experience.

Credit Hours: 12 hrs

Last Updated: New Course, 12/2012, effective Winter 2013

Confirming Student LBC Participation

LBC Approved Experiences

- Students enrolled in **approved LBC courses**
 - automatically confirmed upon successful completion of the course
- Events and experiences where **student rosters** exist (e.g., coached sports)
 - final rosters (with student E#) should be submitted to General Education Office for upload into Banner
- **Non-course related community service**
 - coordination and confirmation will be done through the VISION office
- **Co-ops, internships**, student teaching, practicums, clinicals (and other course-related field experiences identified and approved through the Gen Ed Office)
 - students satisfactorily completing these courses will be automatically confirmed as meeting LBC(4) – Career and Professional Development
- **Approved non-course related experiences** (e.g., Echo editor; Wellness Wheel; performer in an EMU theatre production; participation on the MLK Day Planning Committee; presenter at the Undergraduate Symposium)
 - confirmed by the supervising “EMU employee” through my.emich¹
- **Attendance at EMU-sponsored cultural or academic events**
 - capture student names and E#s and submit for data entry²

How to Confirm LBC Participation for Students

¹Confirming LBC participation through my.emich

- Click on the “Employee” tab or “Faculty” tab
- Click on “Application Administration” tab
- Click on “Confirm Student LBC Participation”
- Enter E# of the “EMU employee” confirming the participation
- Enter E# of the student
- Enter (through drop down menu) the LBC category being confirmed
- Click “submit”

²Confirming LBC participation using Excel spreadsheet

- Open an Excel spreadsheet
- Enter the following information – do NOT use column headings (see attached example)
 - Column A – Confirmer E#
 - Column B – LBC code (e.g. LB1, LB2, LB3, LB4, LB5, or LB6)
 - Column C – Date of event (mm/dd/yyyy format)
 - Column D – Student E#
 - Column E – Student last name
- Save as a text file (.csv) with this name: LBC_EVENT_DATA_MMDDYY (reflecting Event Name and Date of Event)
- Send file as email attachment to Chris Foreman (chris.foreman@emich.edu) as an attachment